```
105: void WifiScanner::TryLog(Dot11Frame * frm) {
106:   if (is_logging_ &&
107:       logger_ &&
108:       !frm->discard() &&
```

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```
105: void WifiScanner::TryLog(Dot11Frame * frm) {
106:   if (is_logging_ &&
107:       logger_ &&
108:       !frm->discard() &&
```

```
109:       !logger_->Write(frm))
110:     LOG(ERROR) << "Error writing to log";
111: }
```

[redacted]

```
114:   if (!parser_->Parse(frm)) {
115:     LOG(ERROR) << "Error parsing frame: " << frm->ShortDebugString();
```

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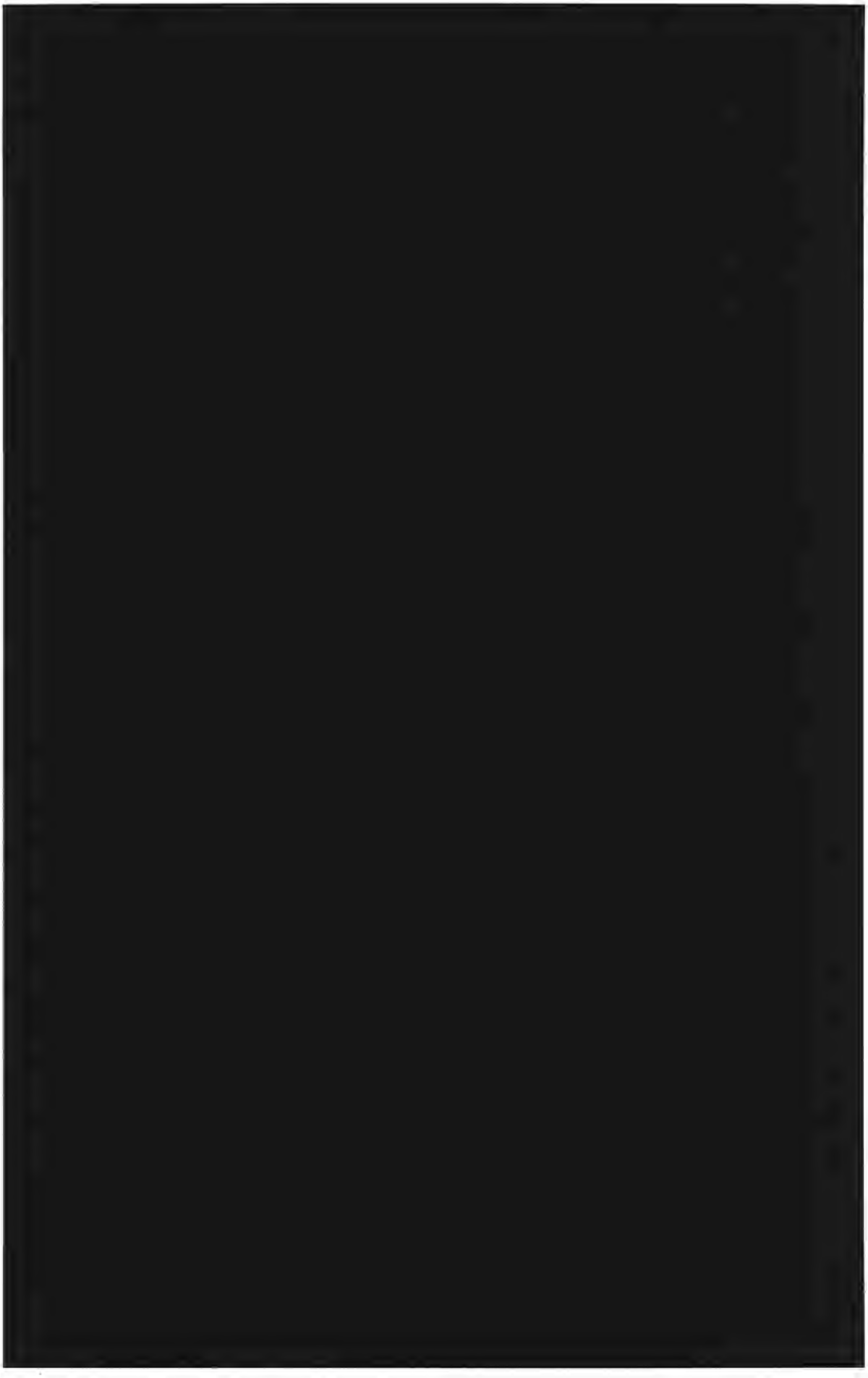

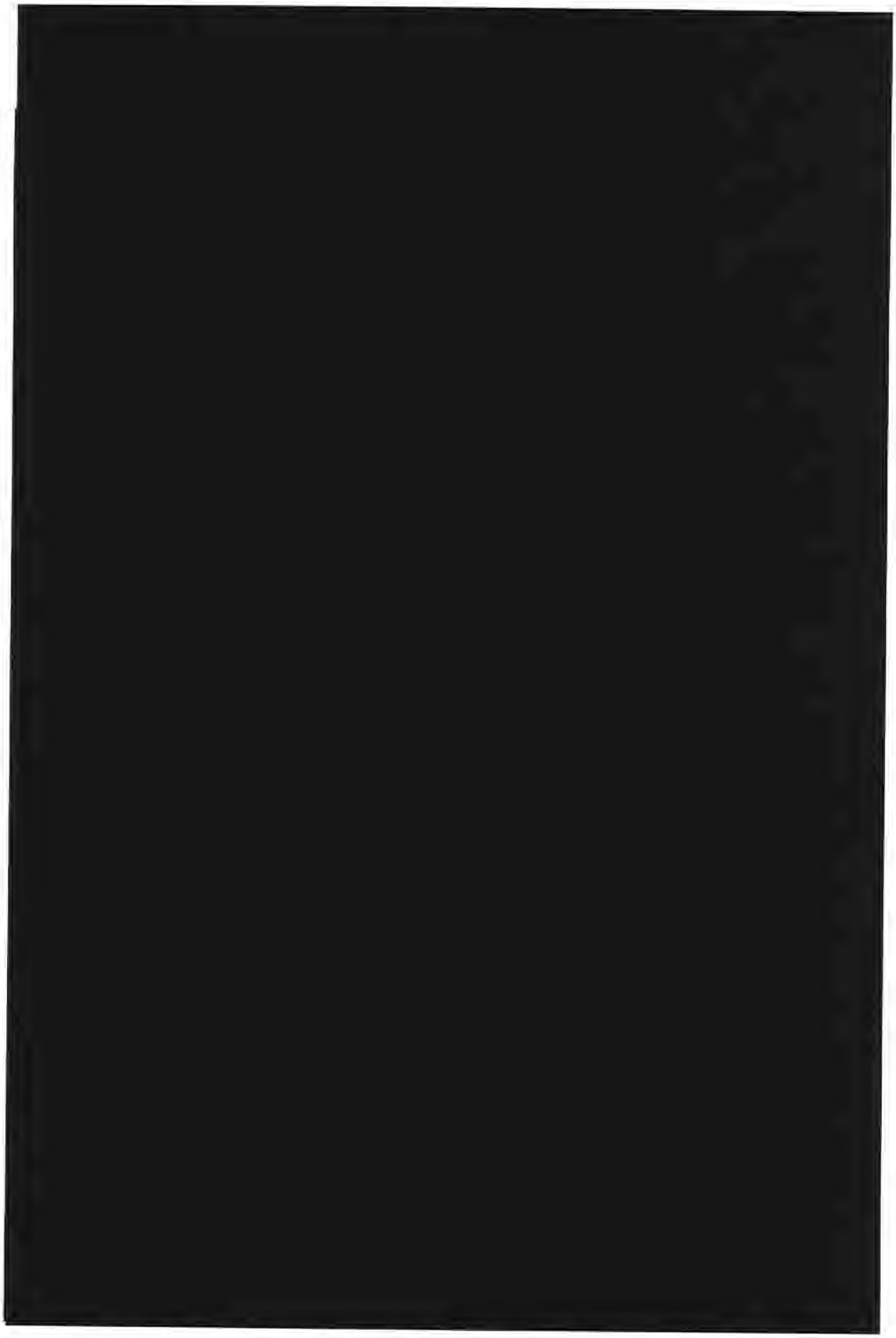

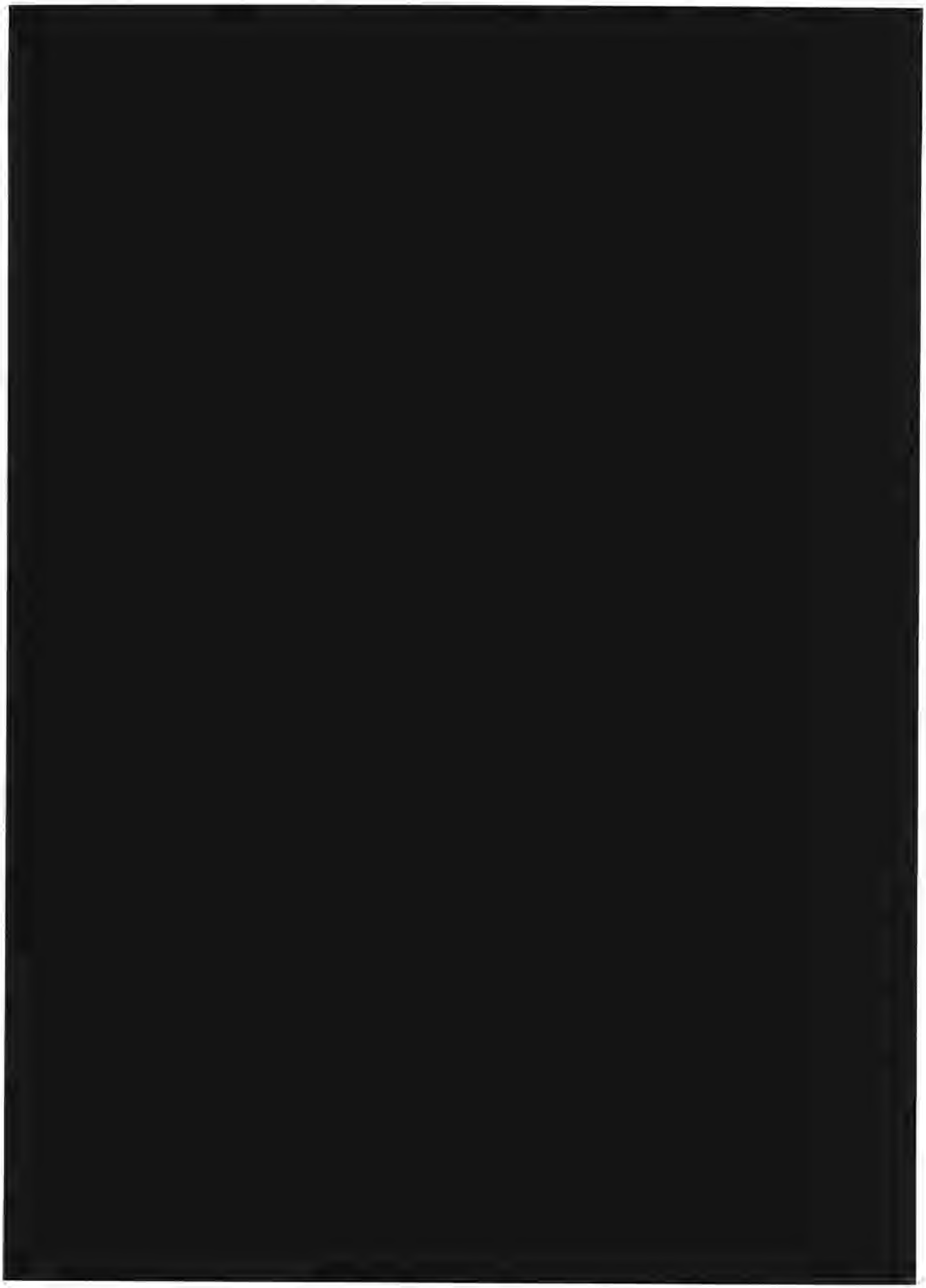

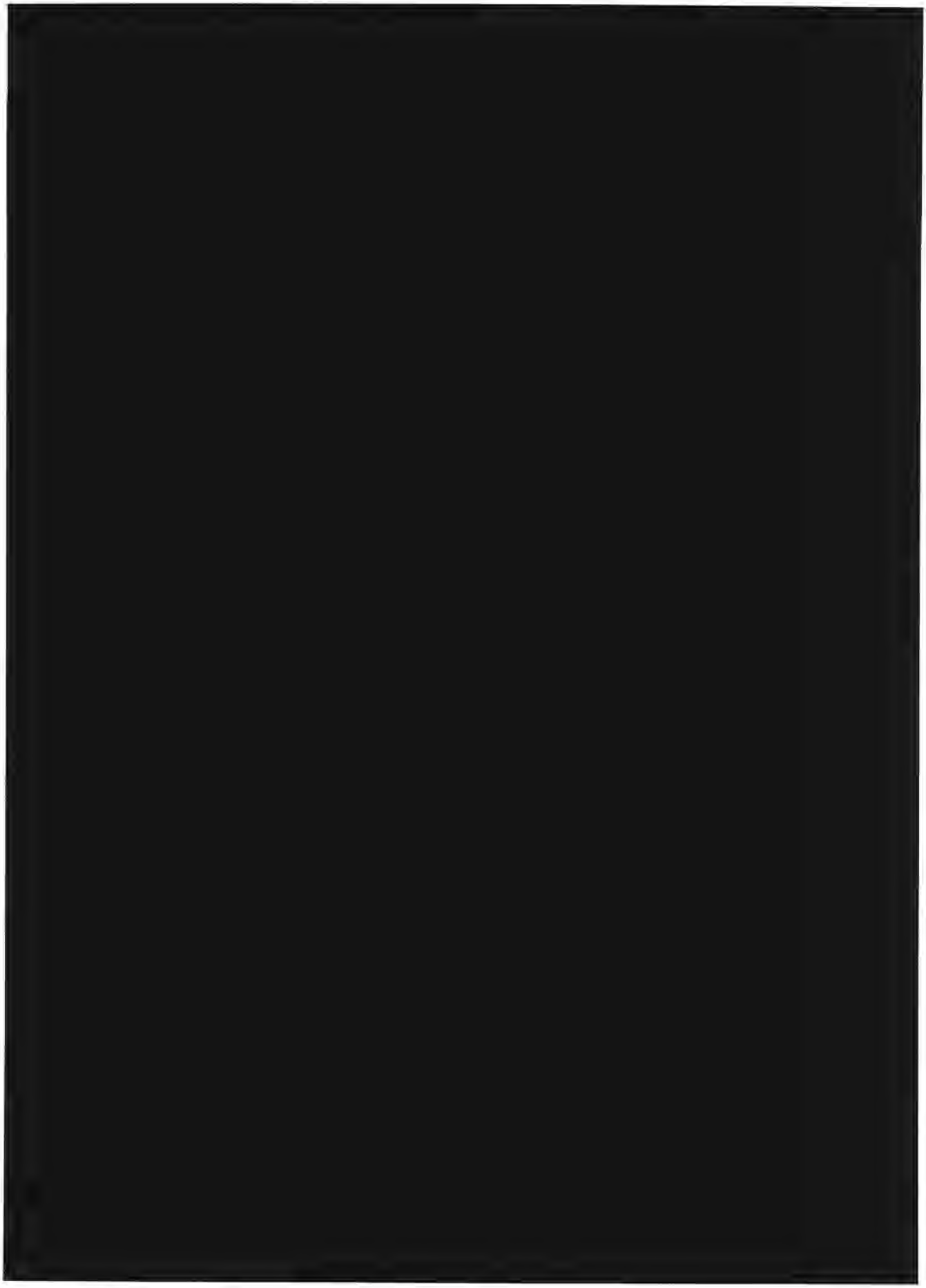

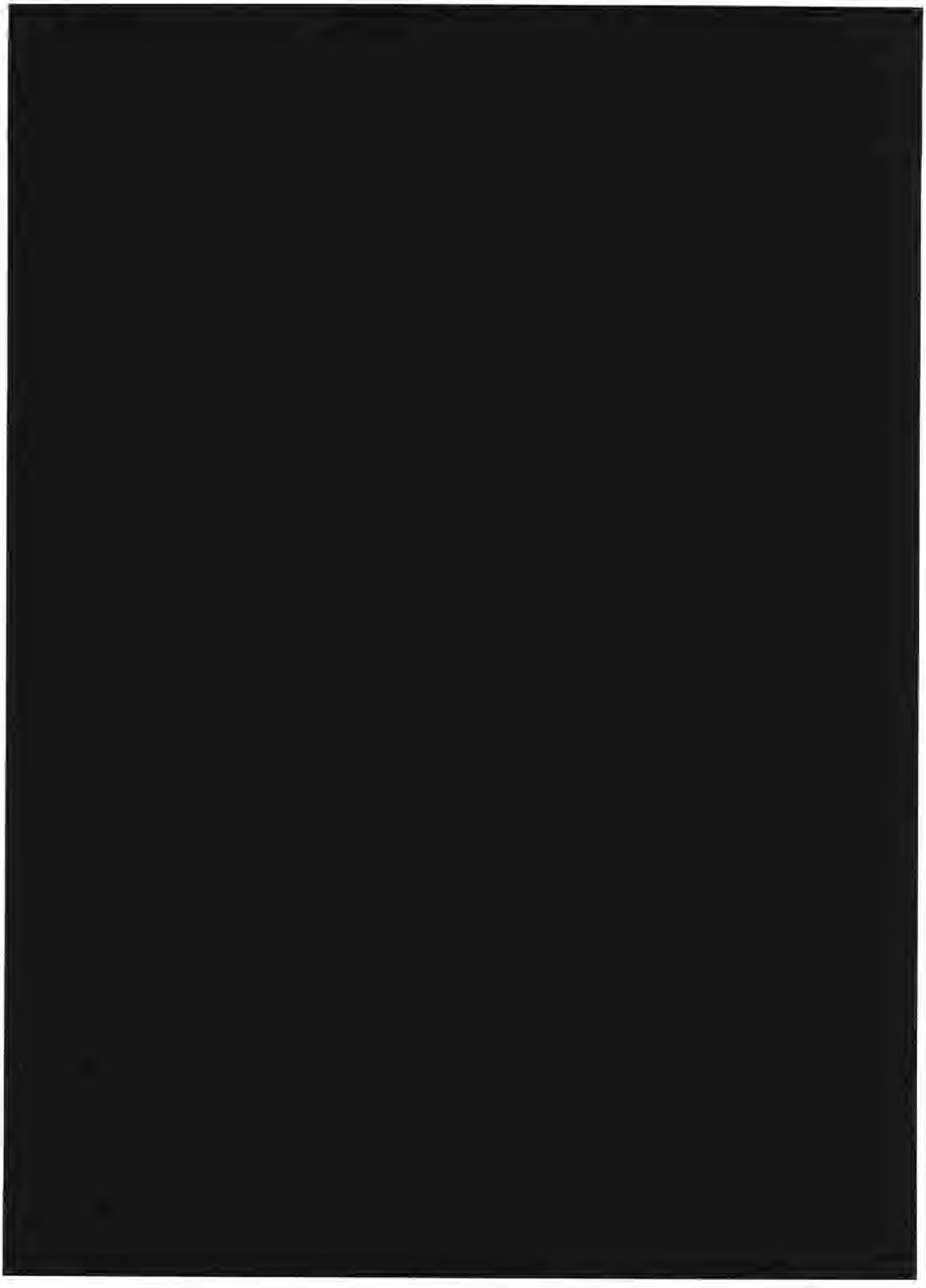

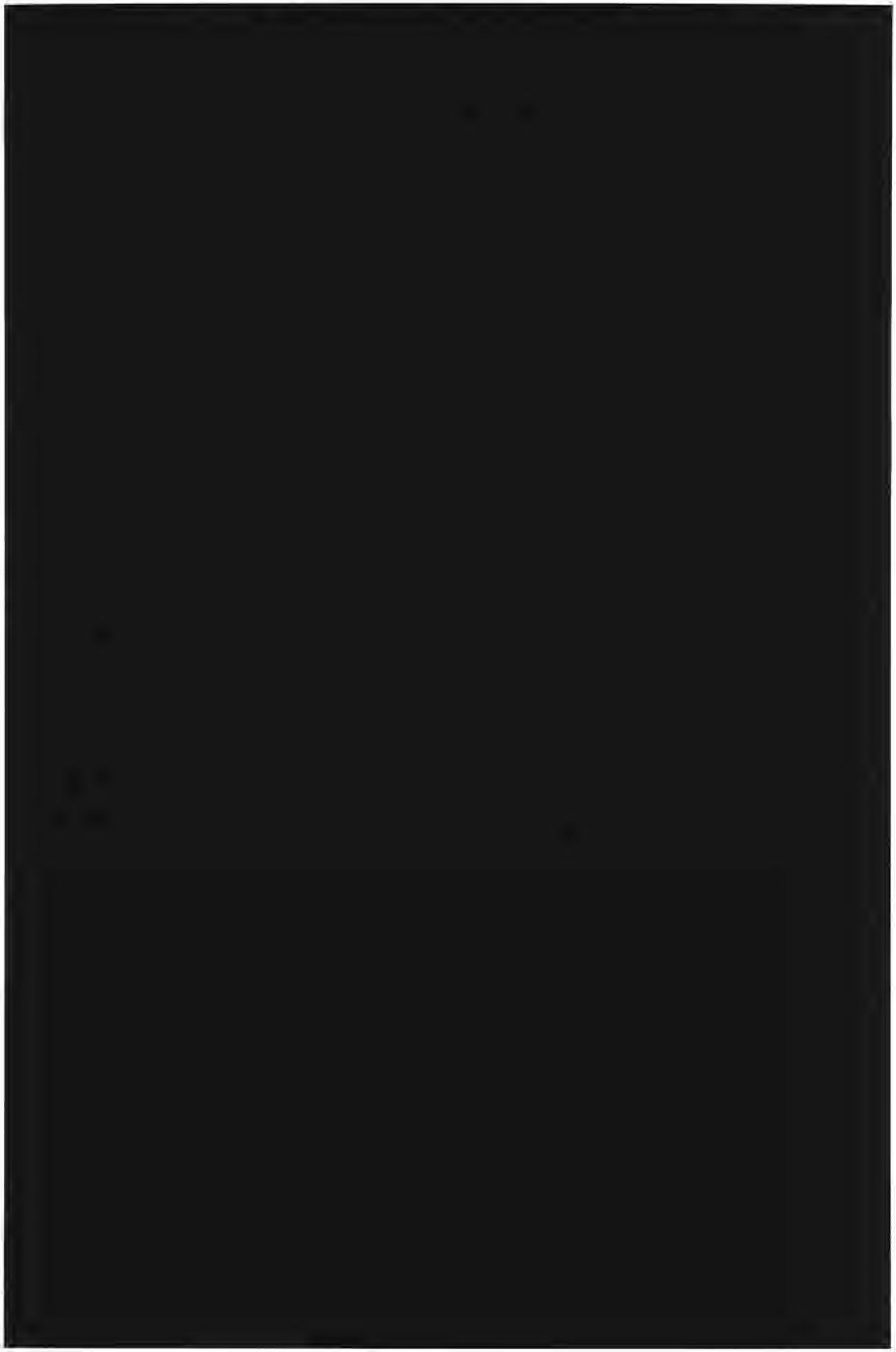

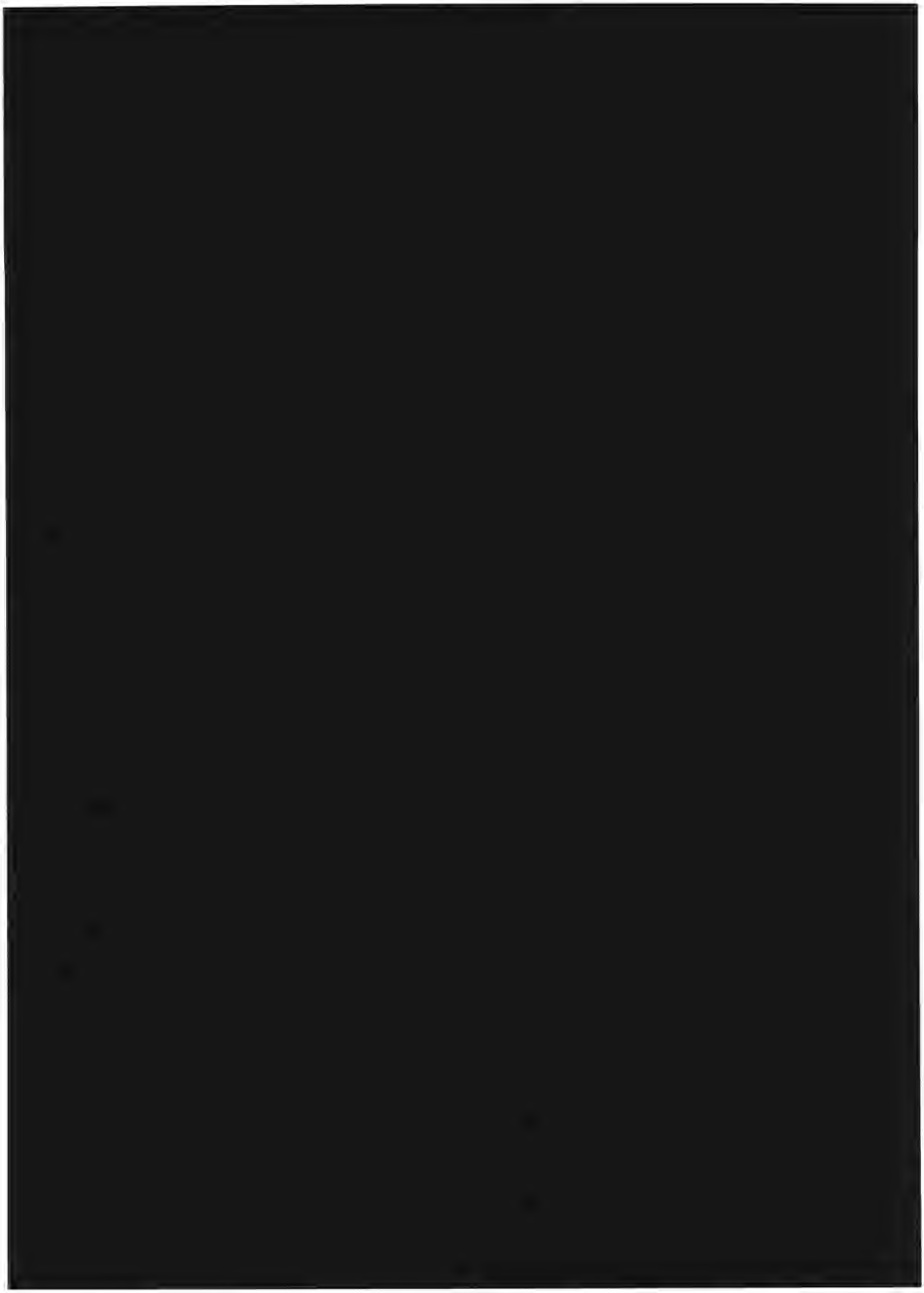

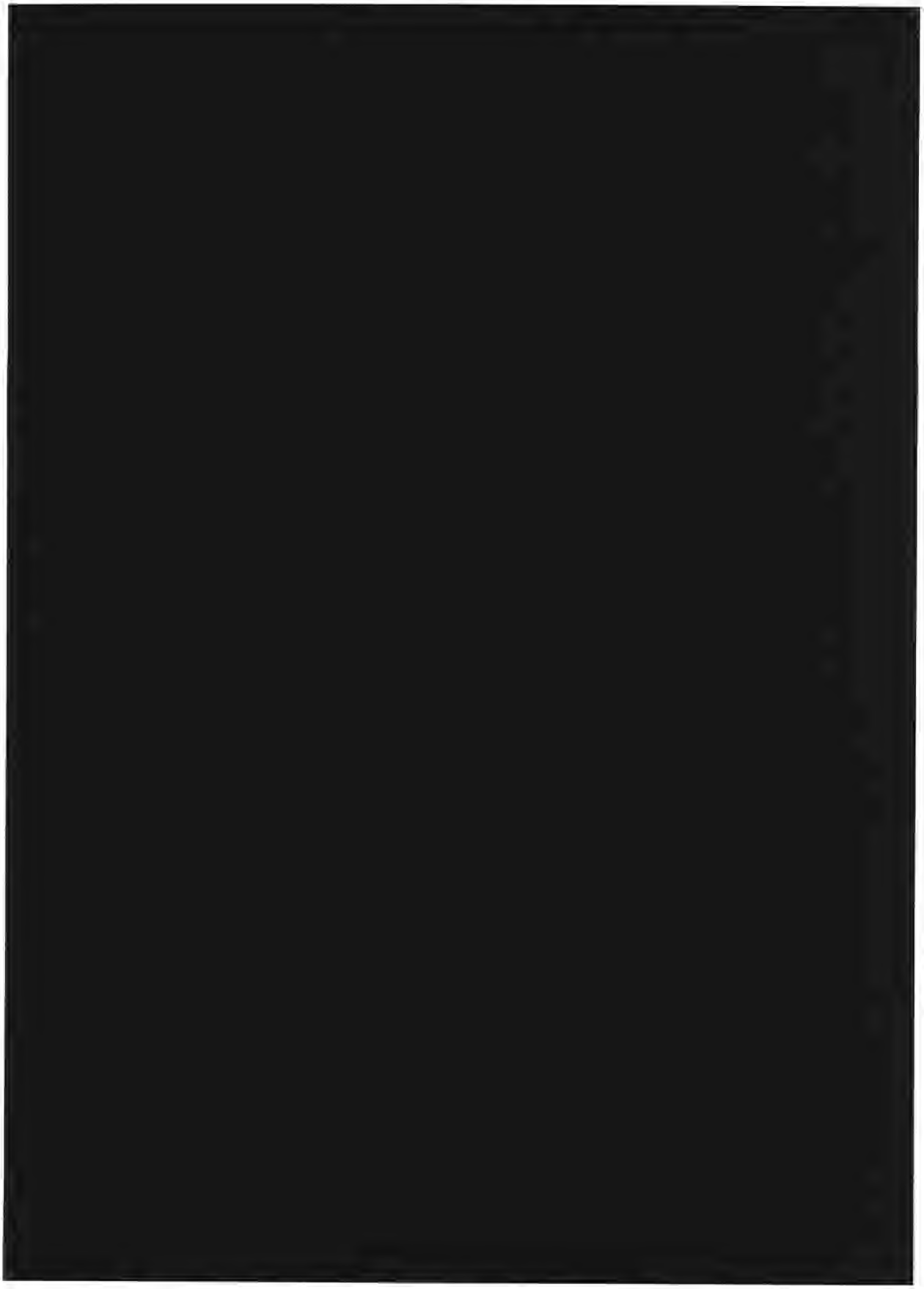

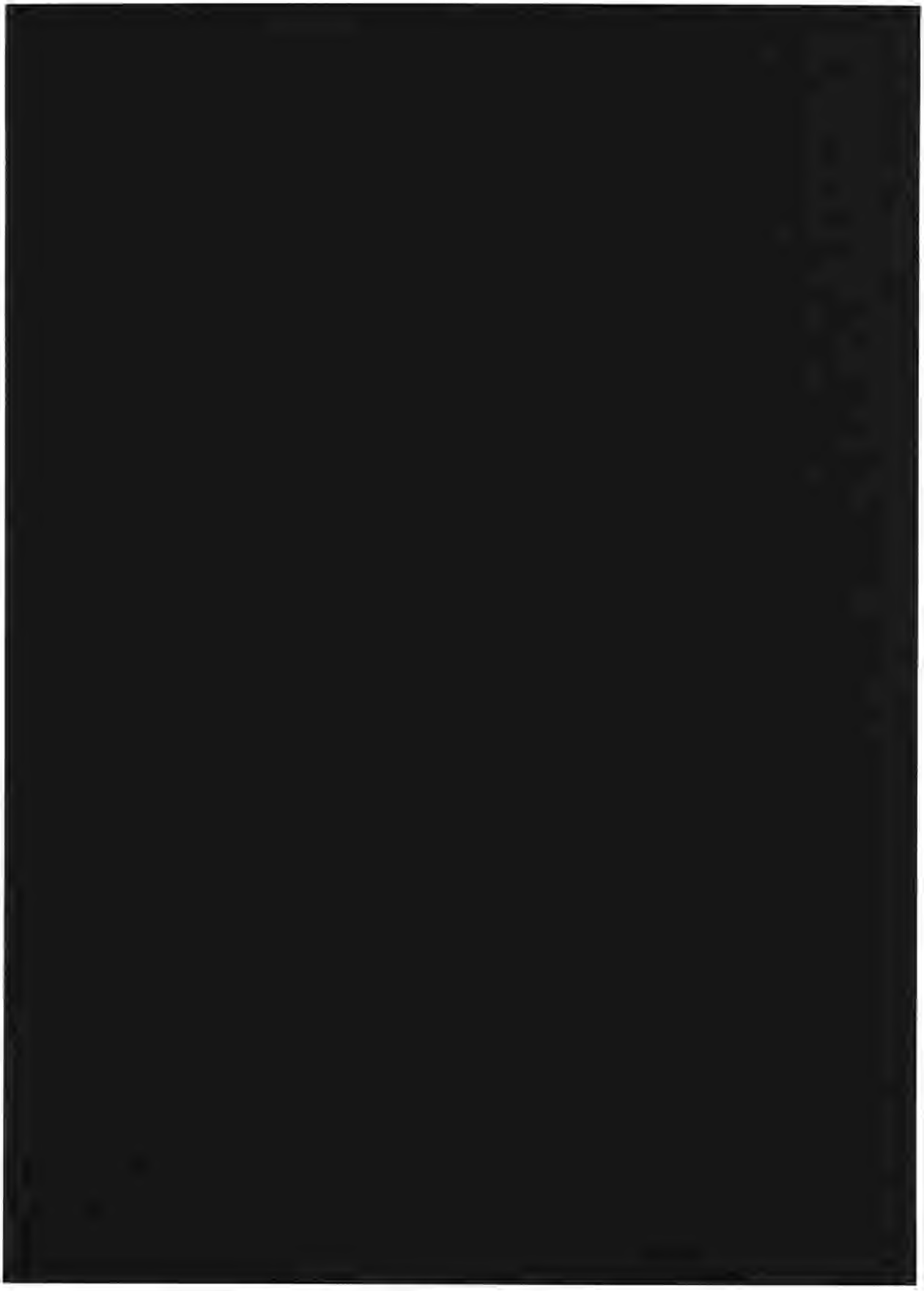

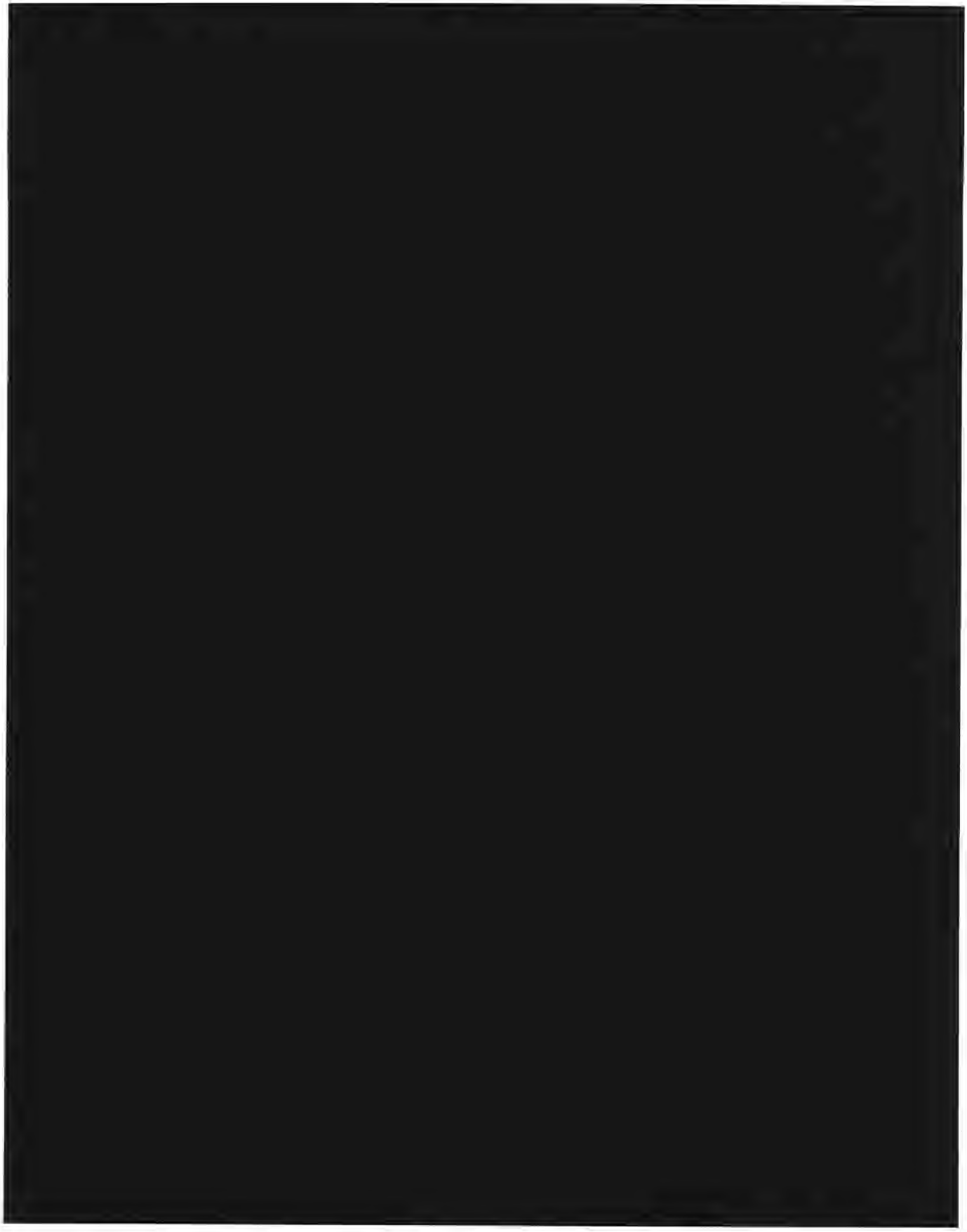

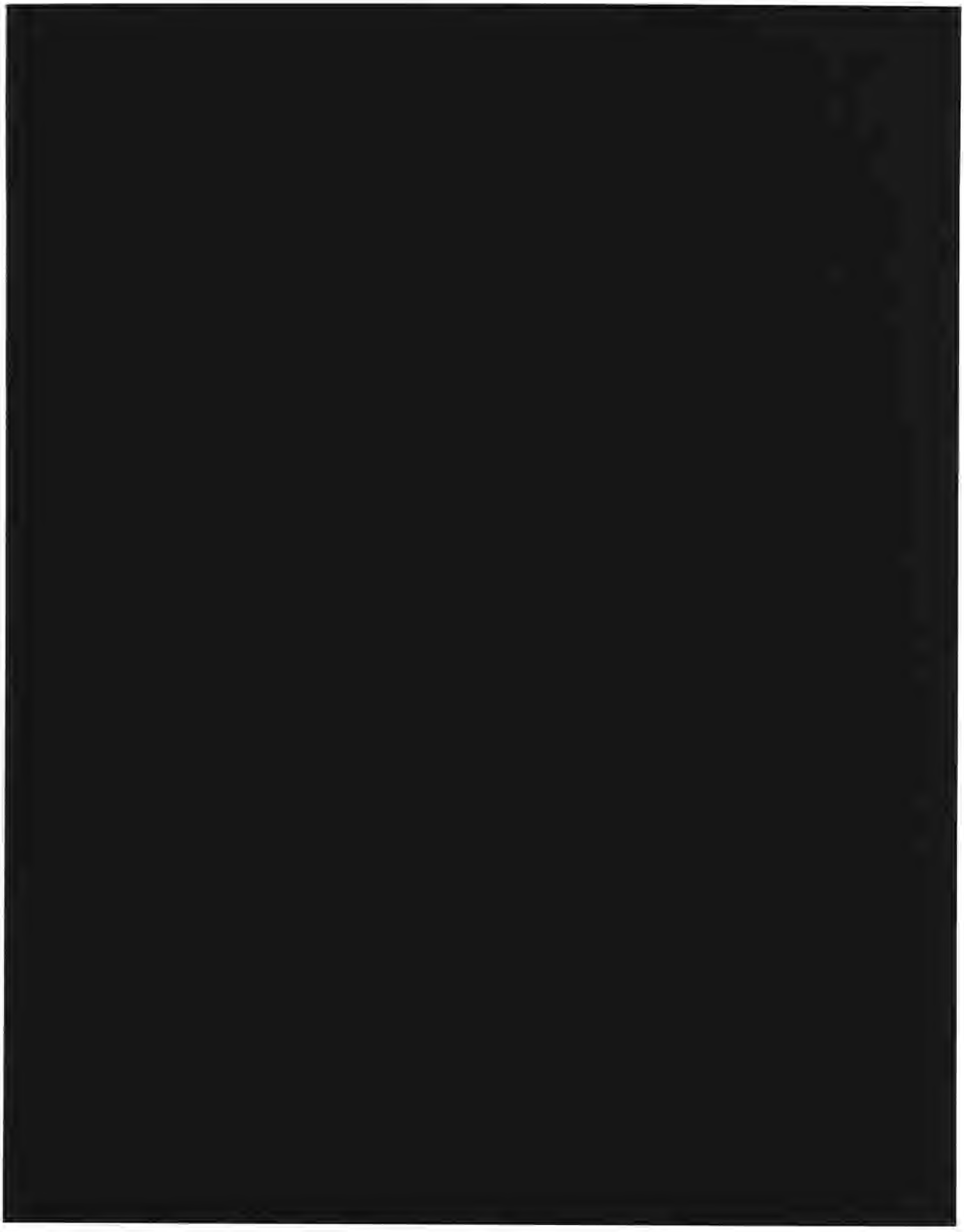

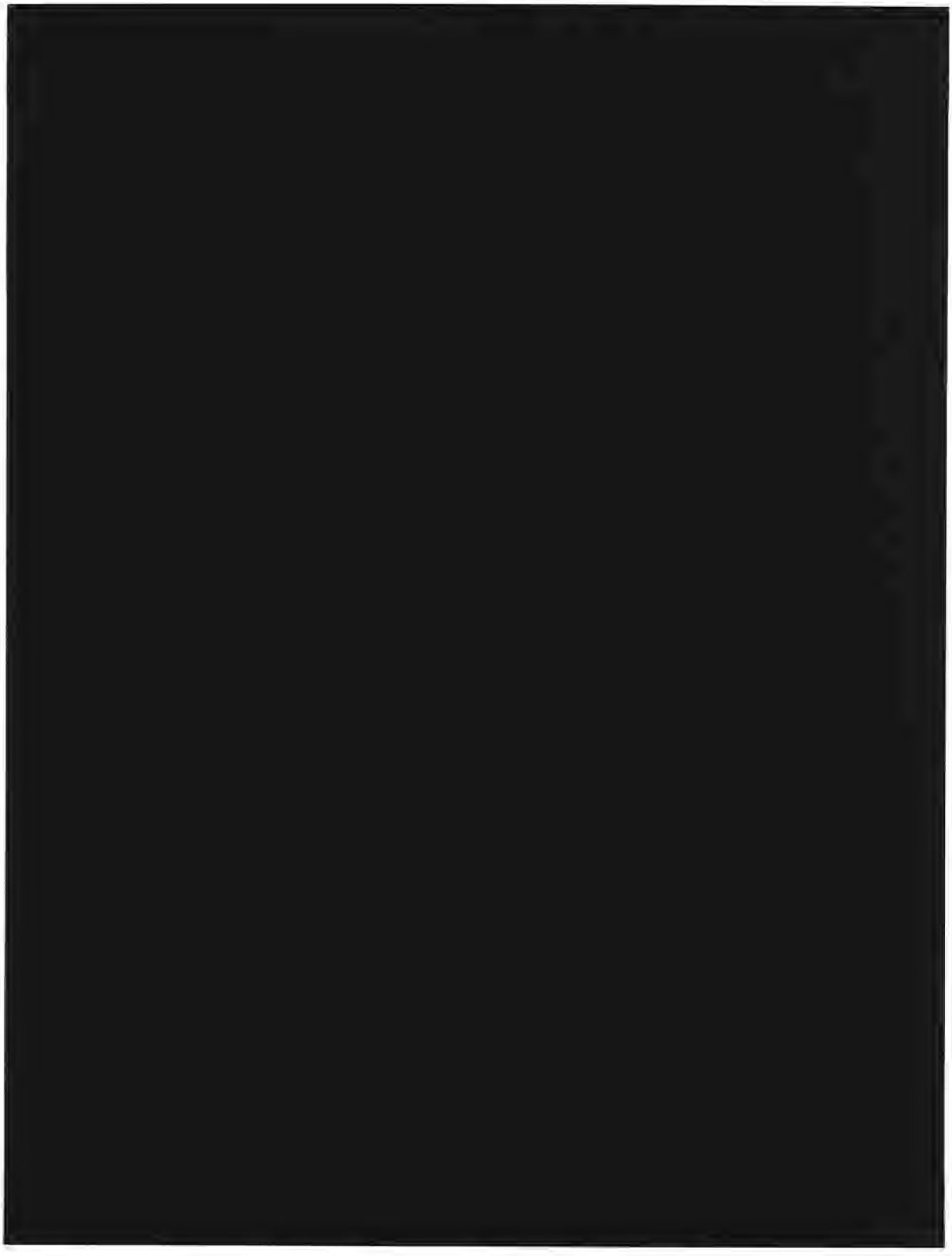

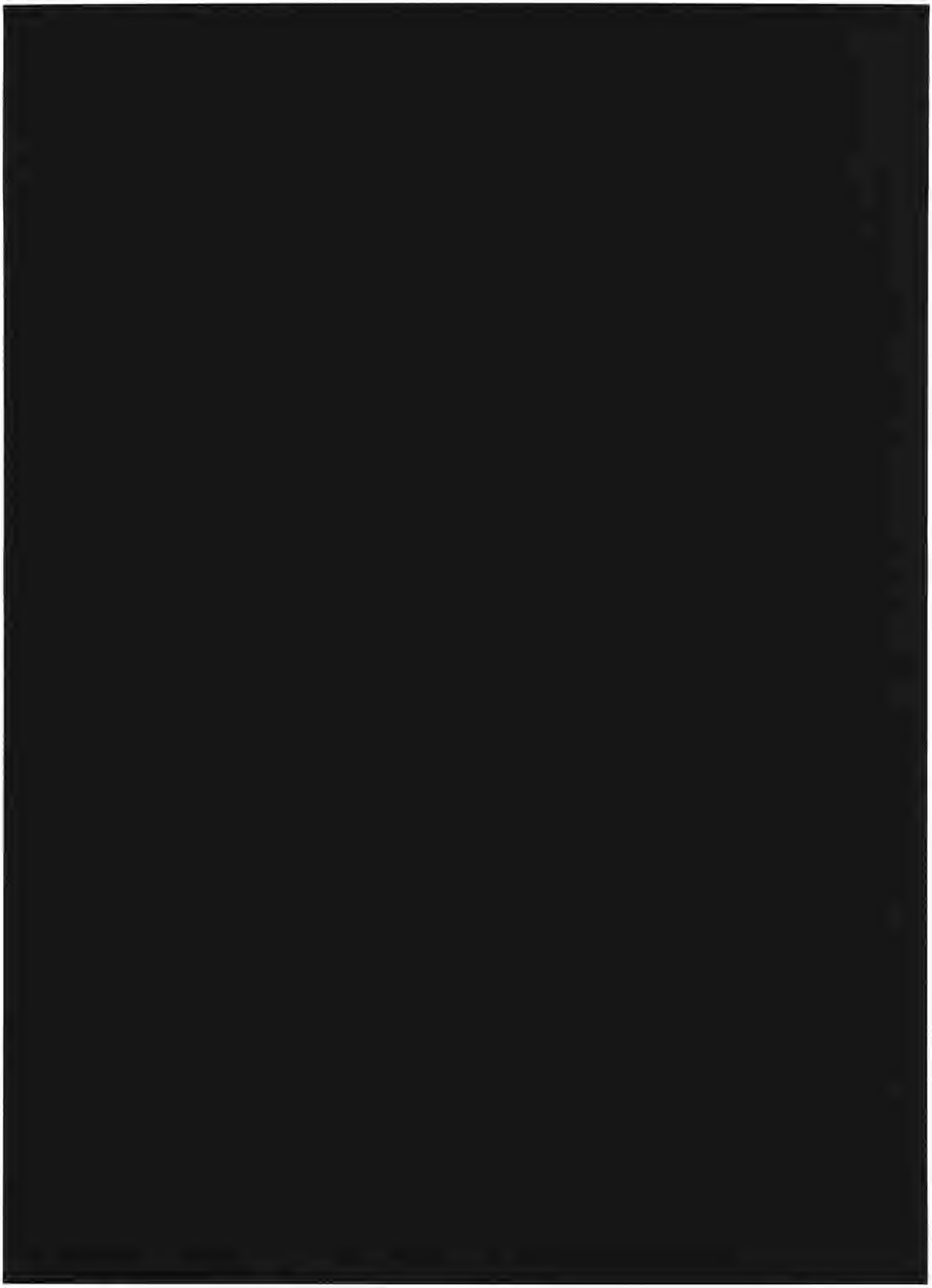

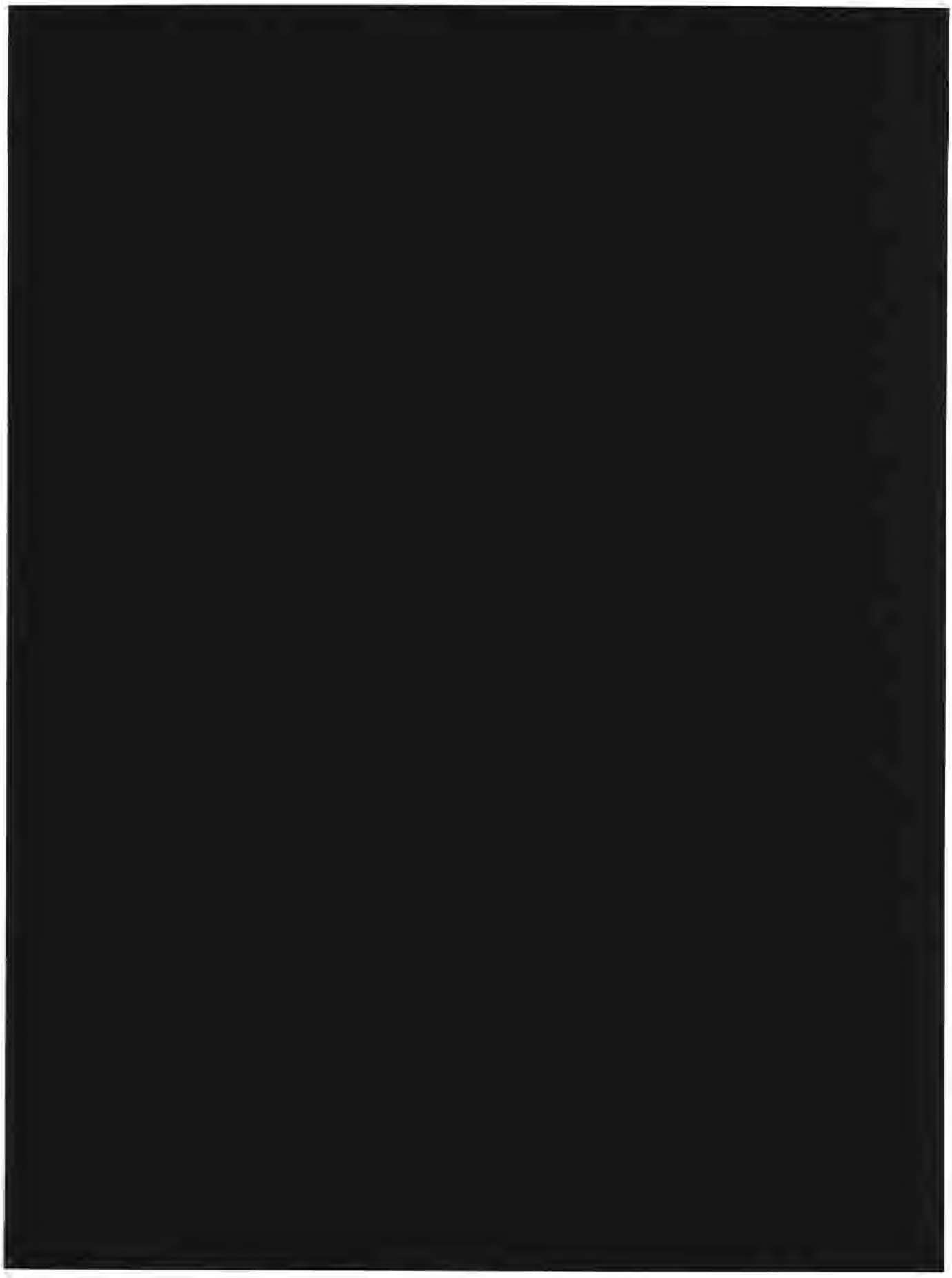

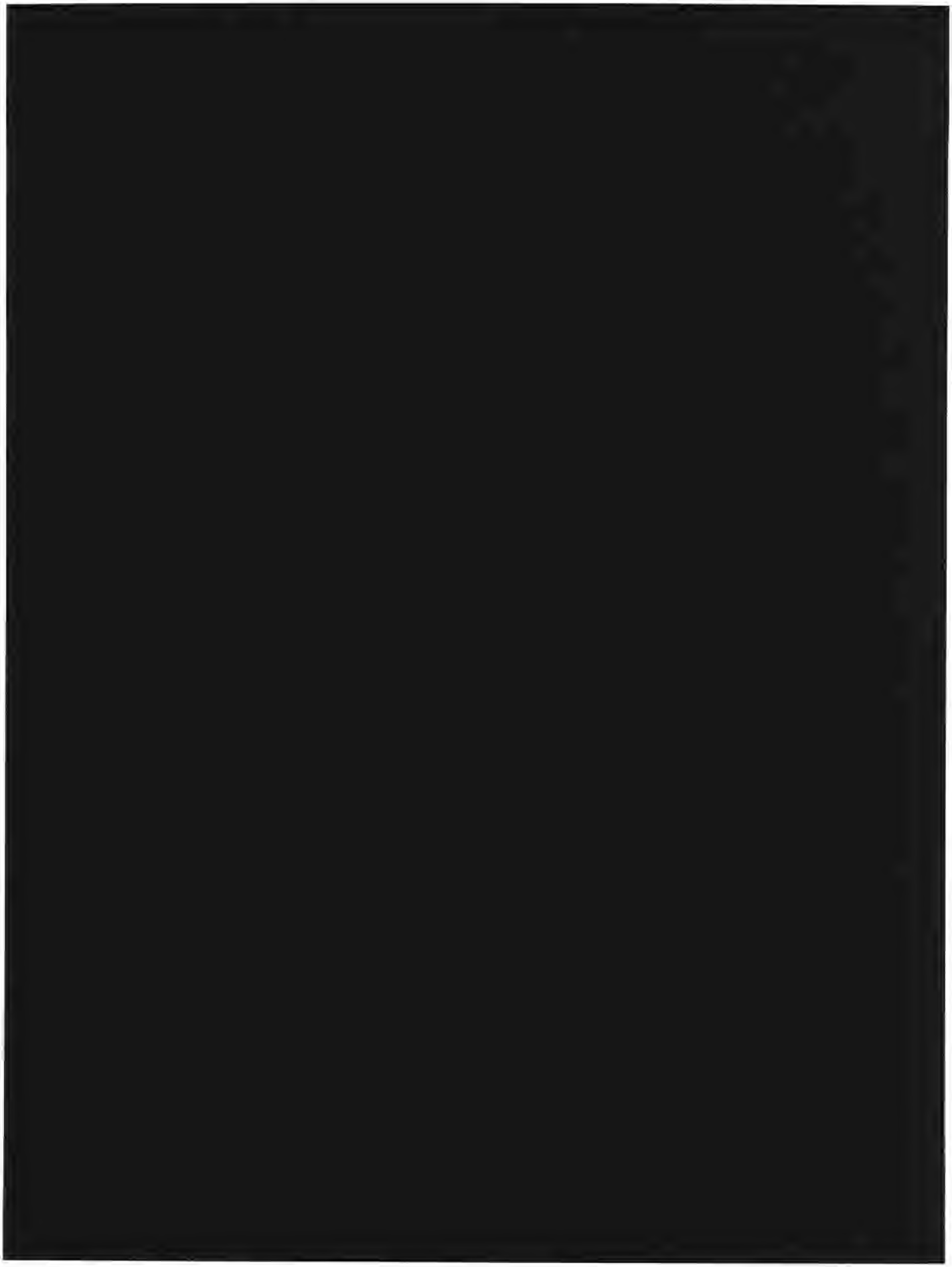

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Subject: [Lebowski-tech] a code review (5557508) Add a dashboard for in-cartesting. The intended audienc

Hell[redacted]

I'd like you to do a code review. Please execute

[redacted]

to review the following code:

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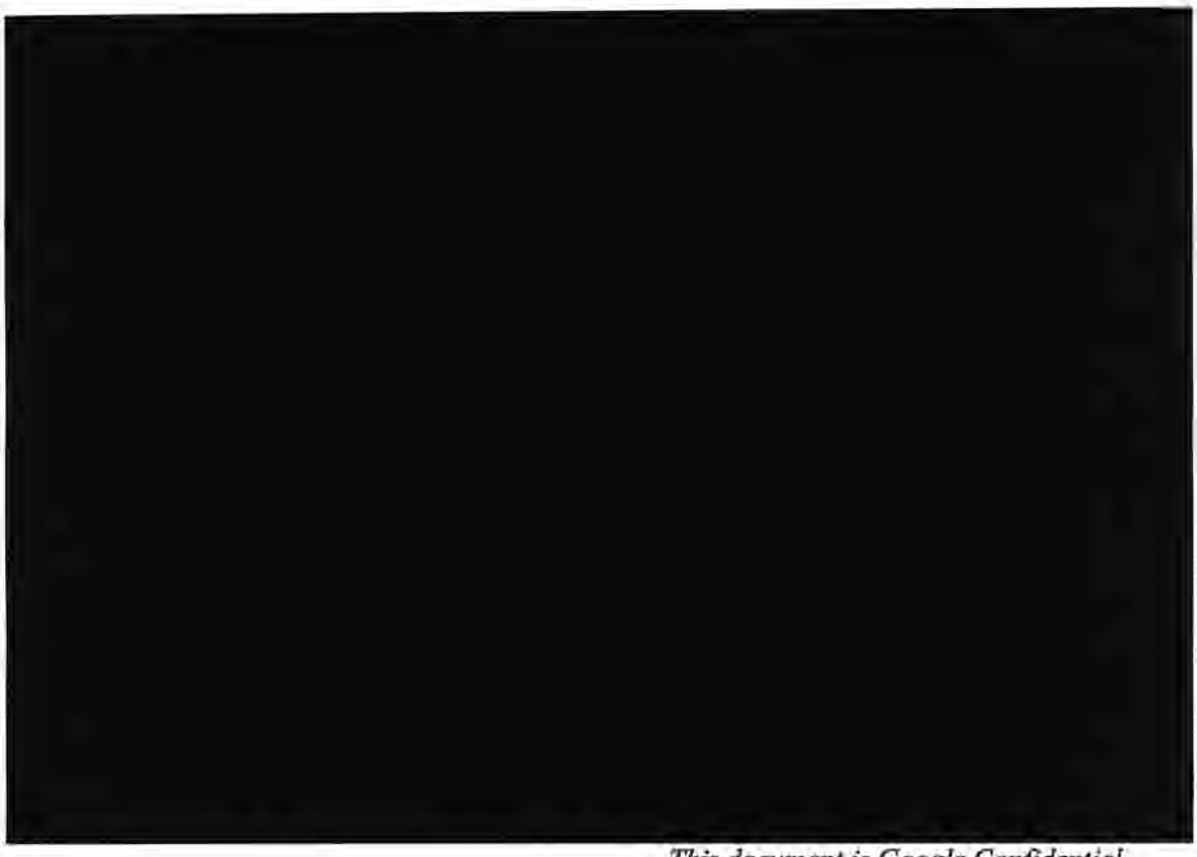

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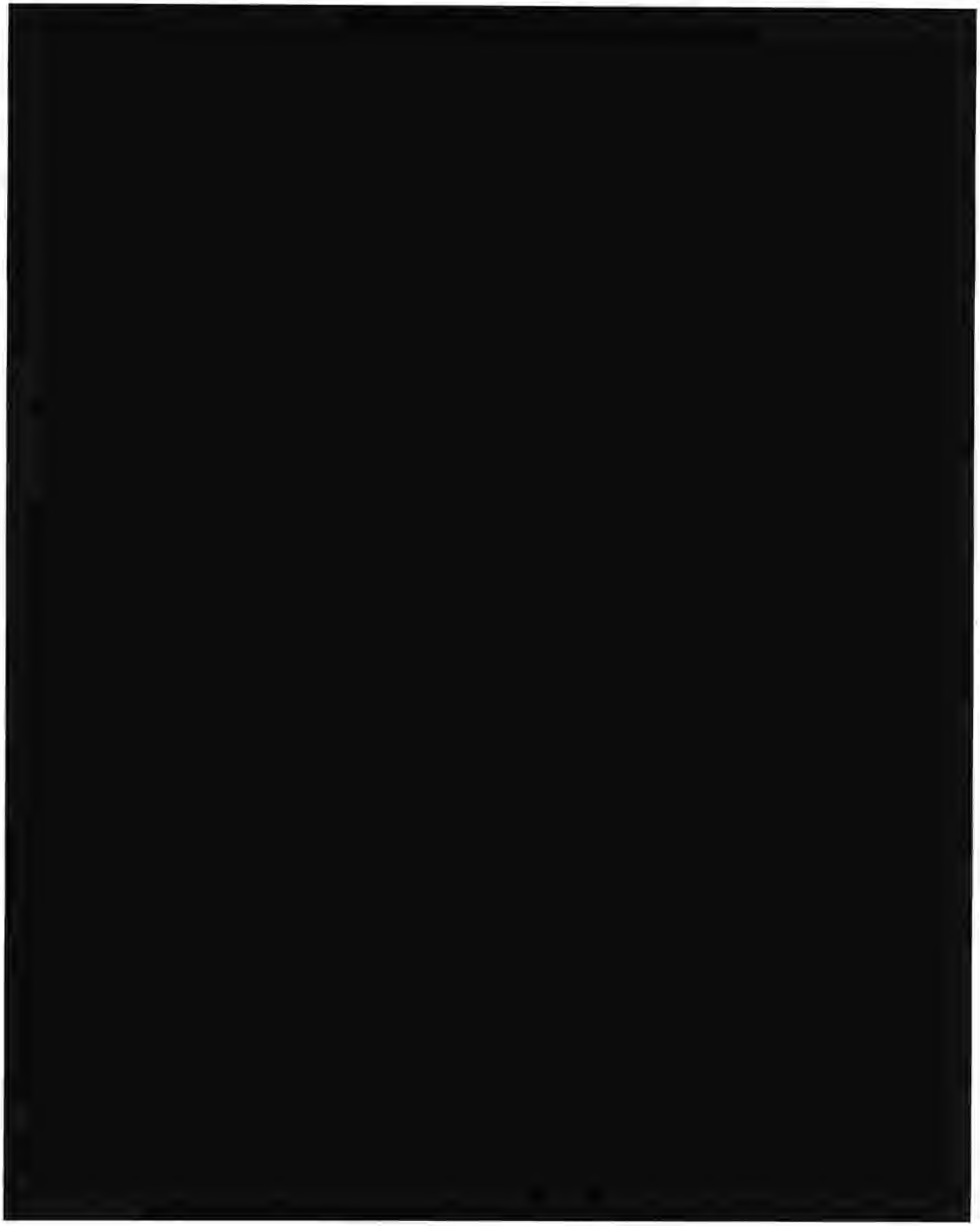

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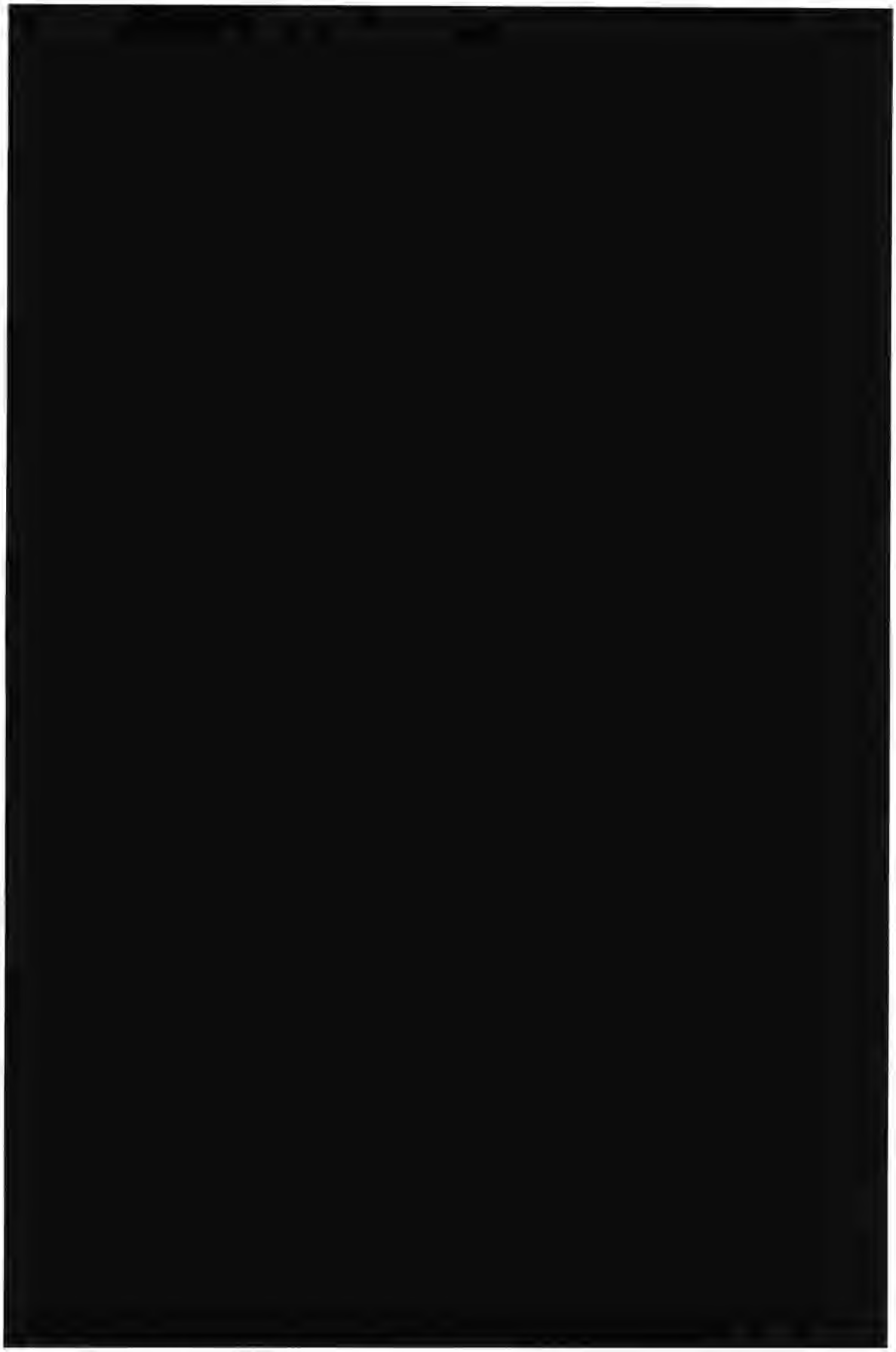

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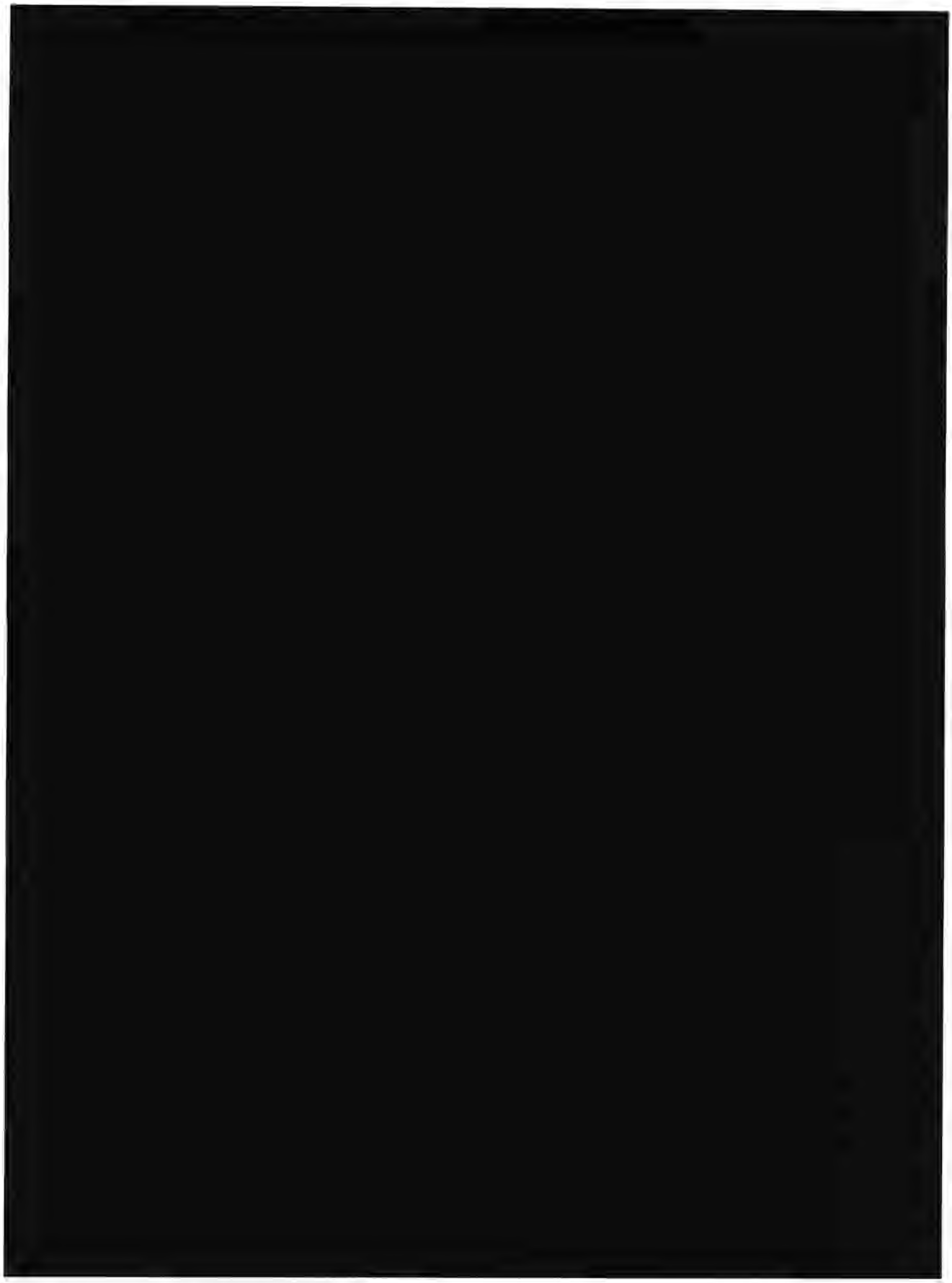

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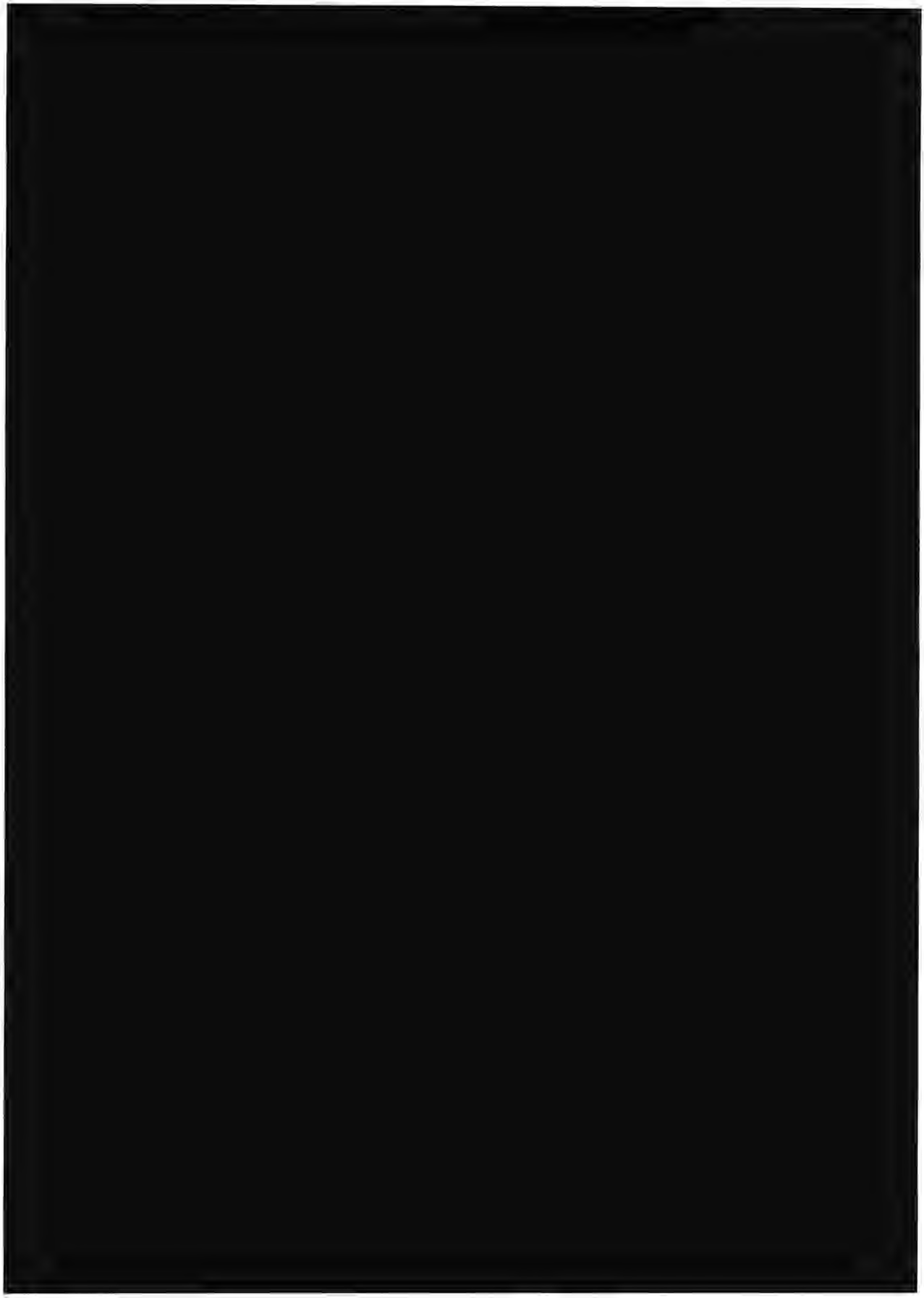

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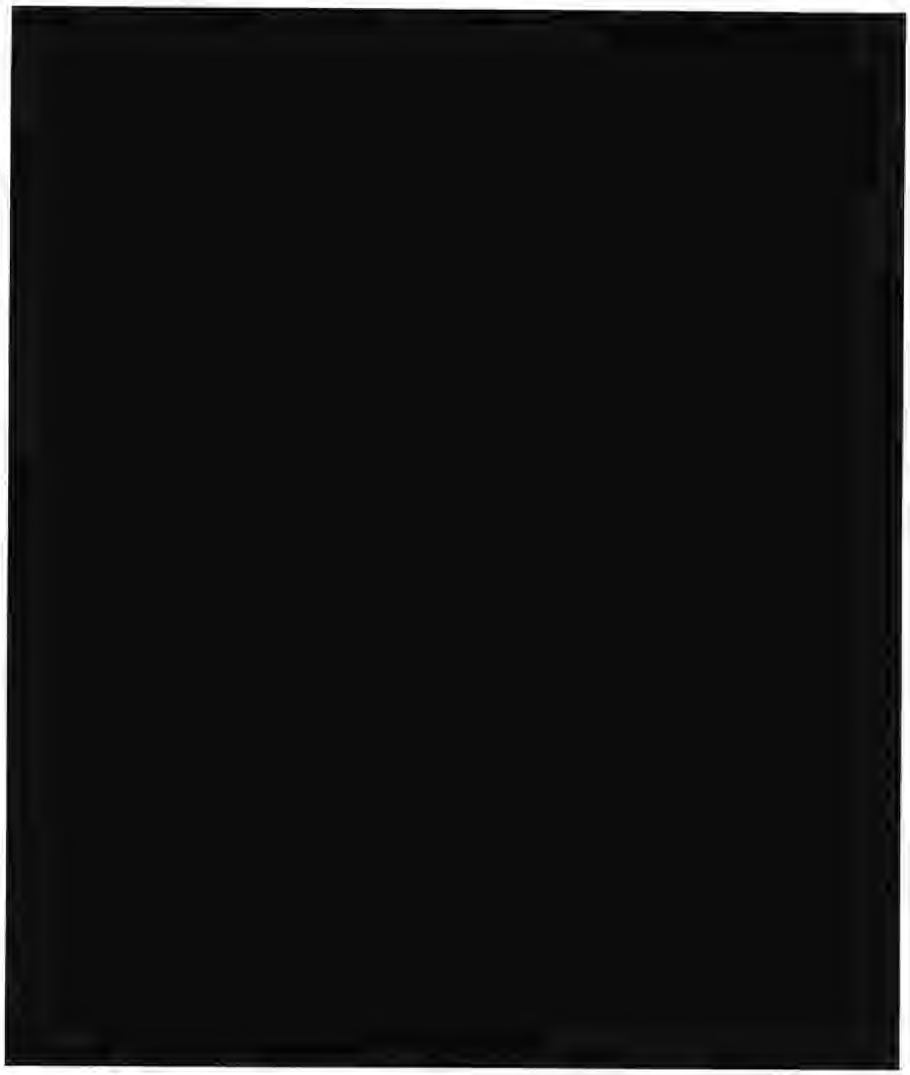

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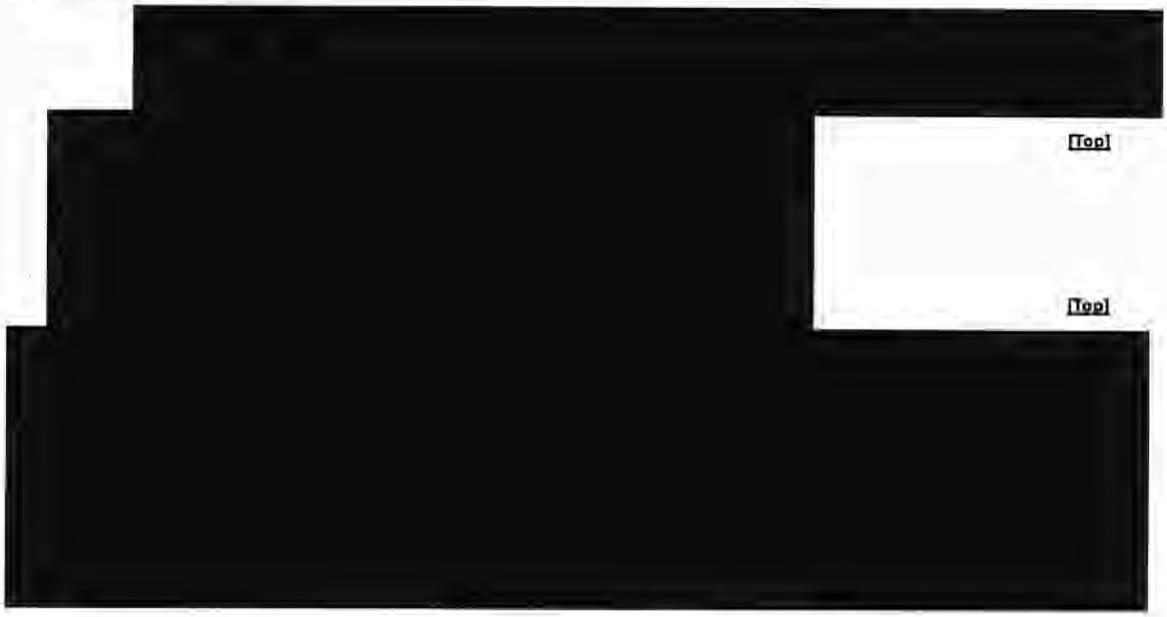

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exhaustive:

- to provide geolocation of Wi-Fi enabled users
- to determine market penetration of Wi-Fi
- to determine where Wi-Fi access is lacking
- to observe typical Wi-Fi usage snapshots

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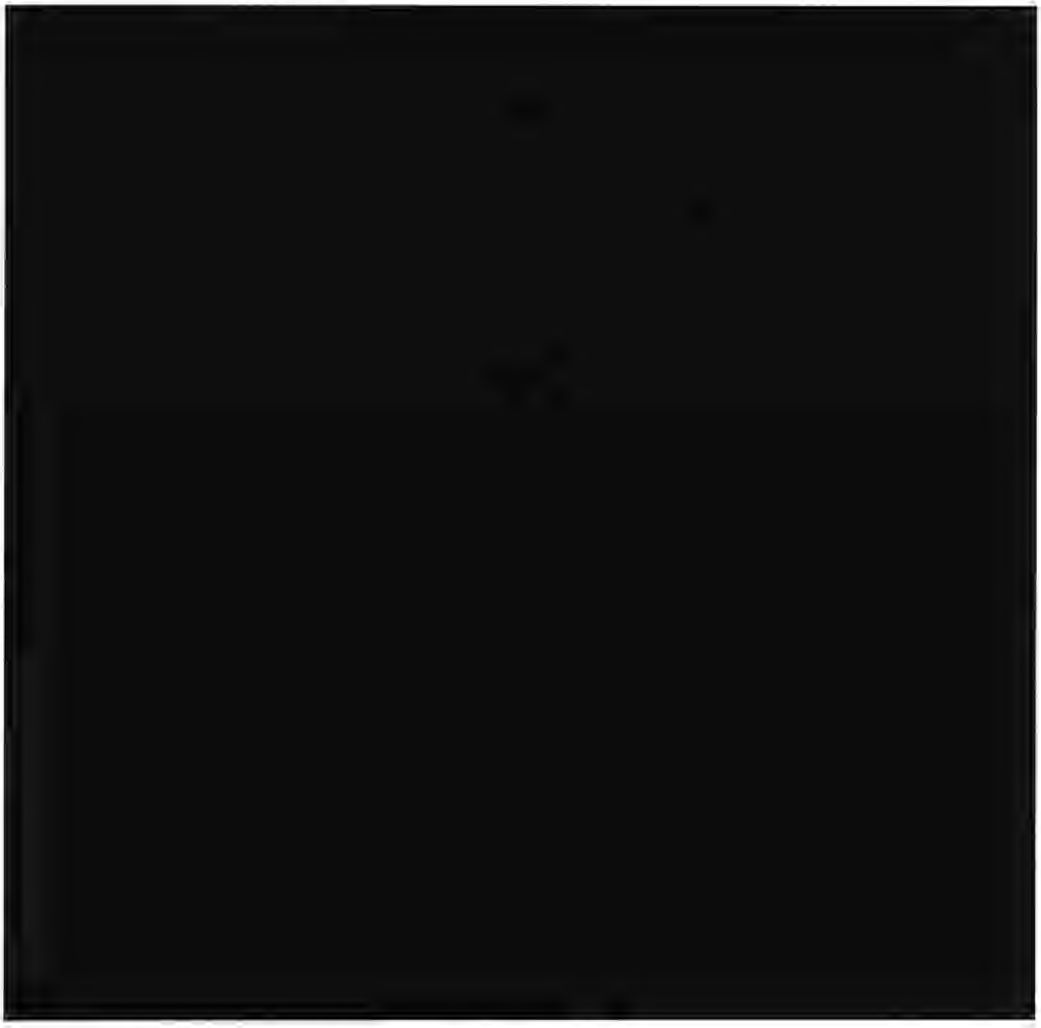

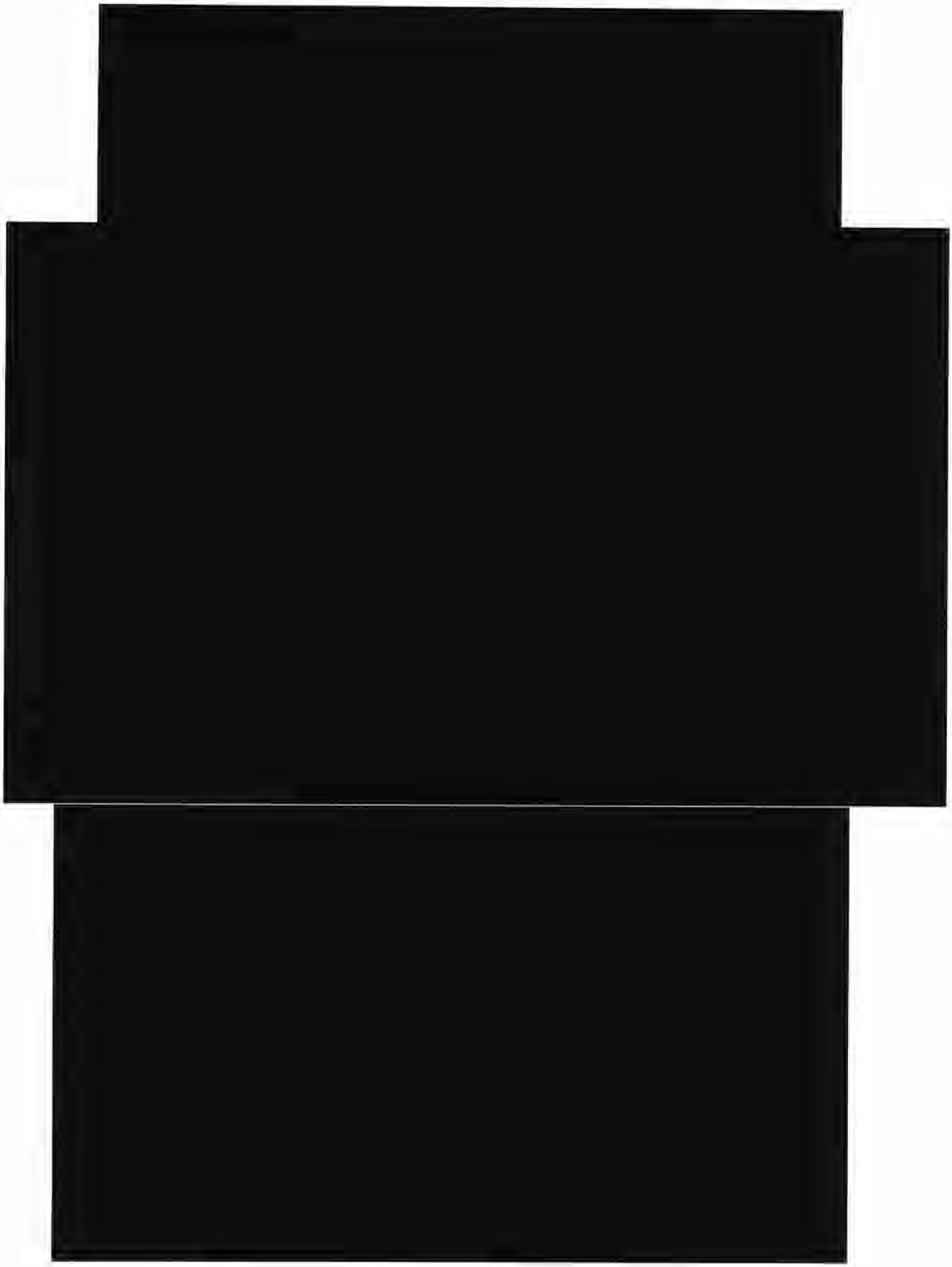

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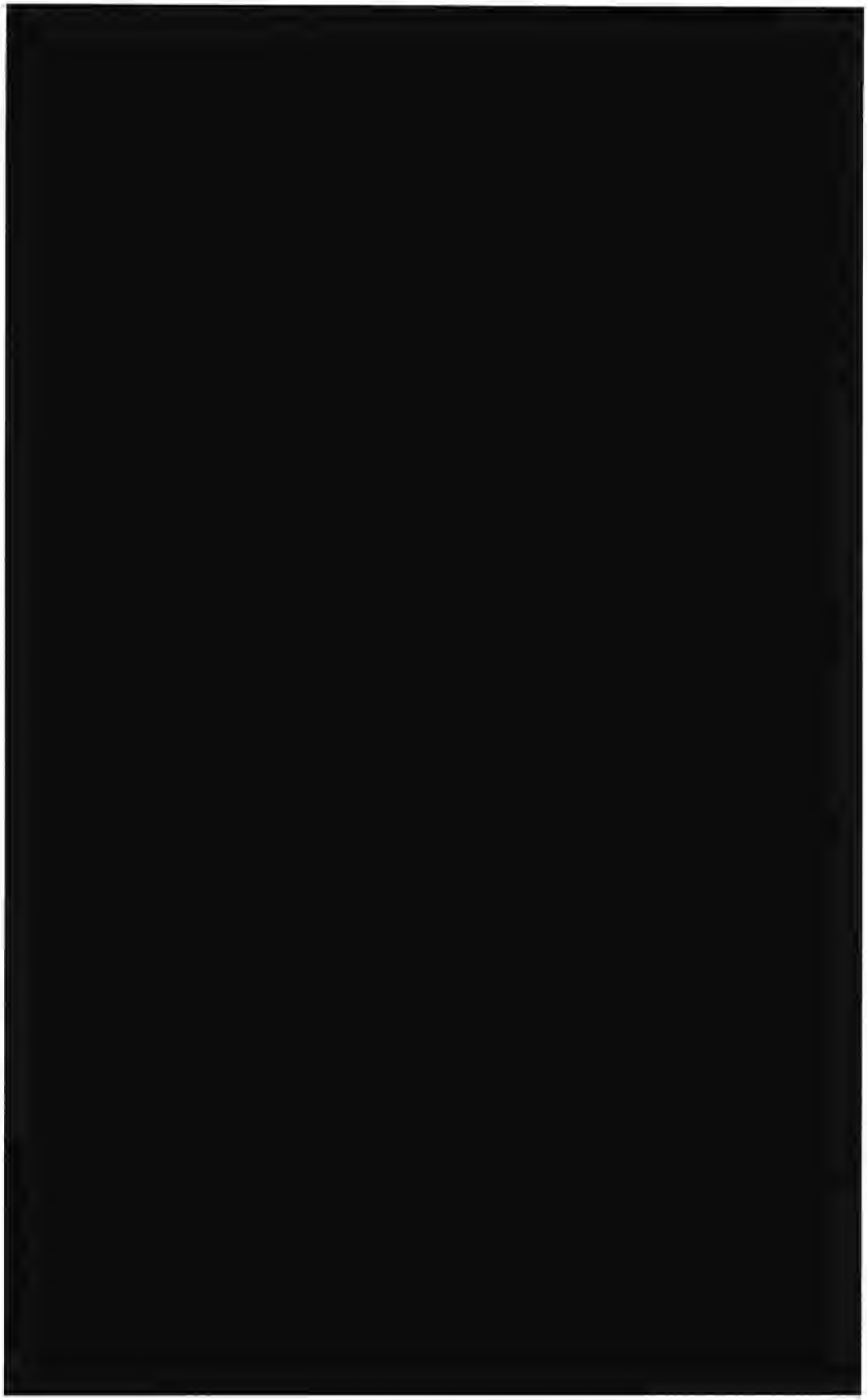

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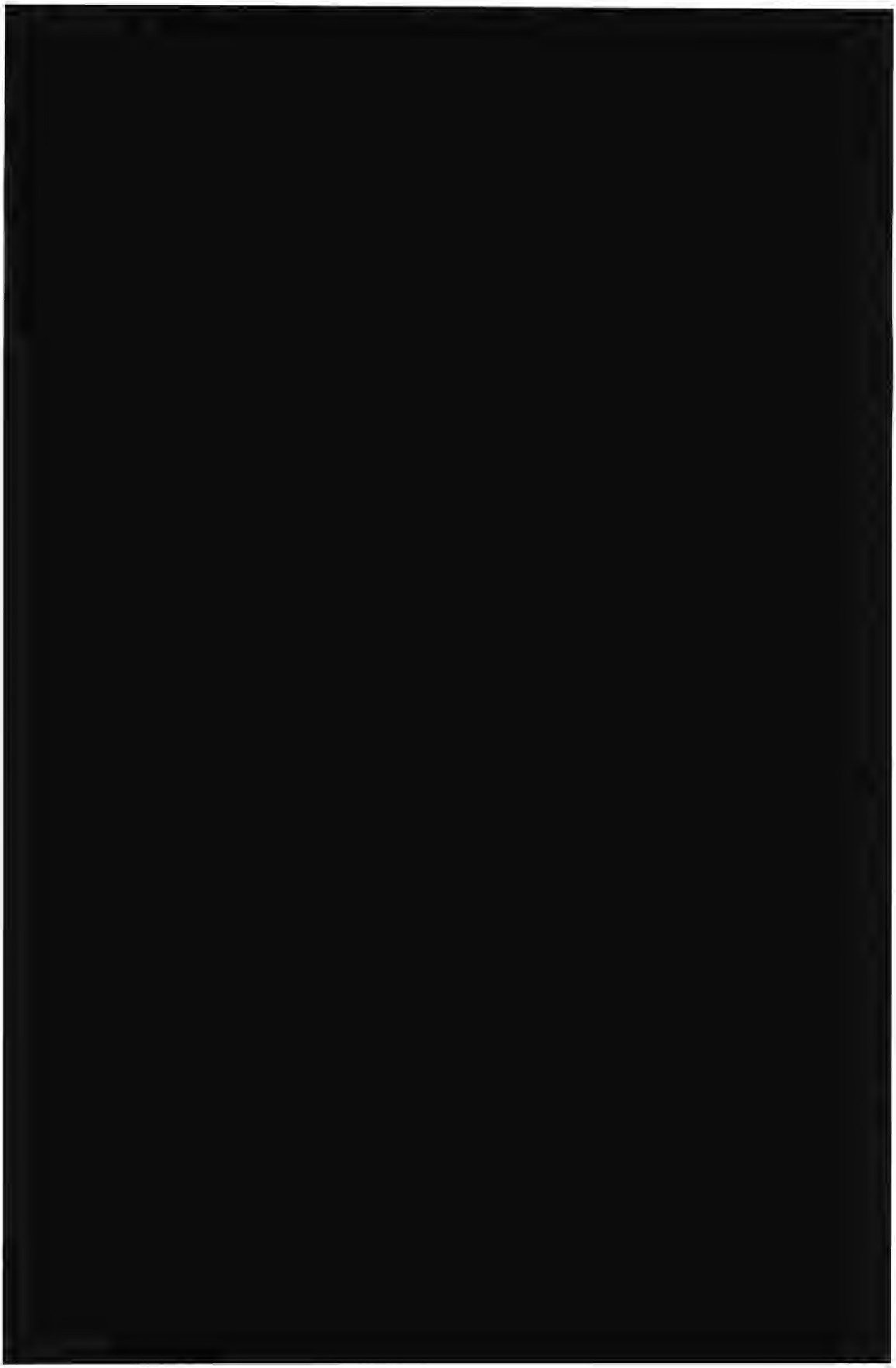

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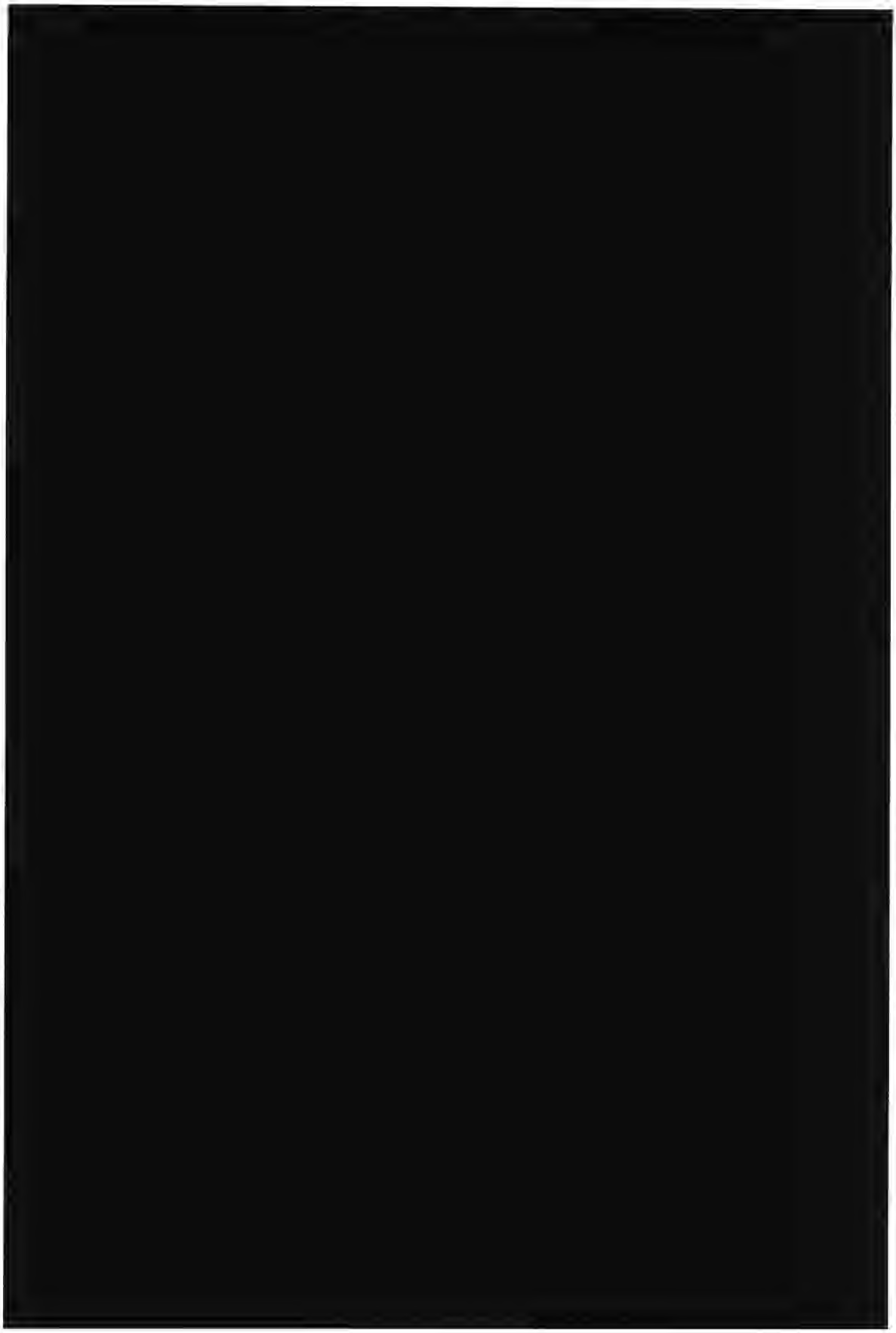

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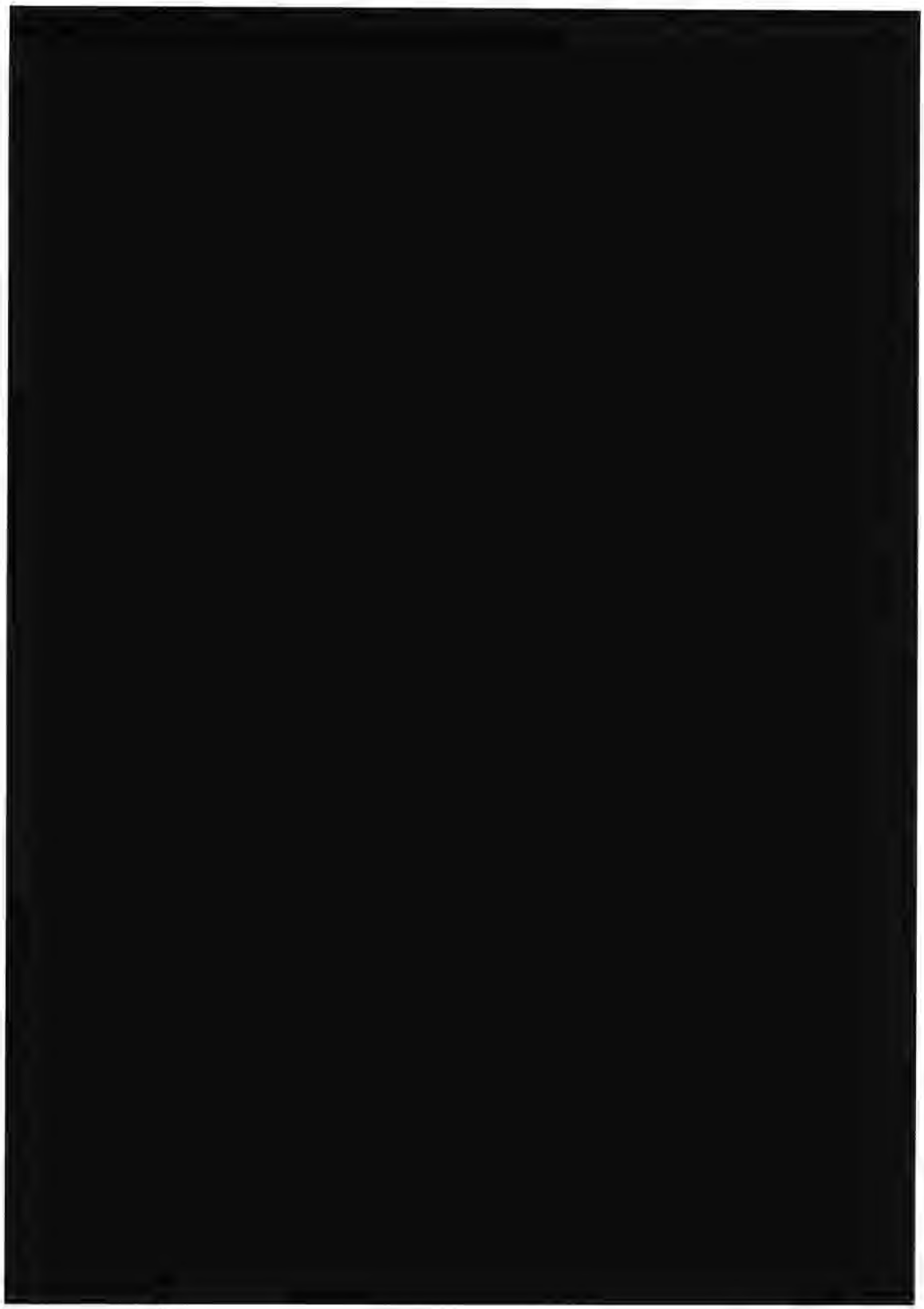

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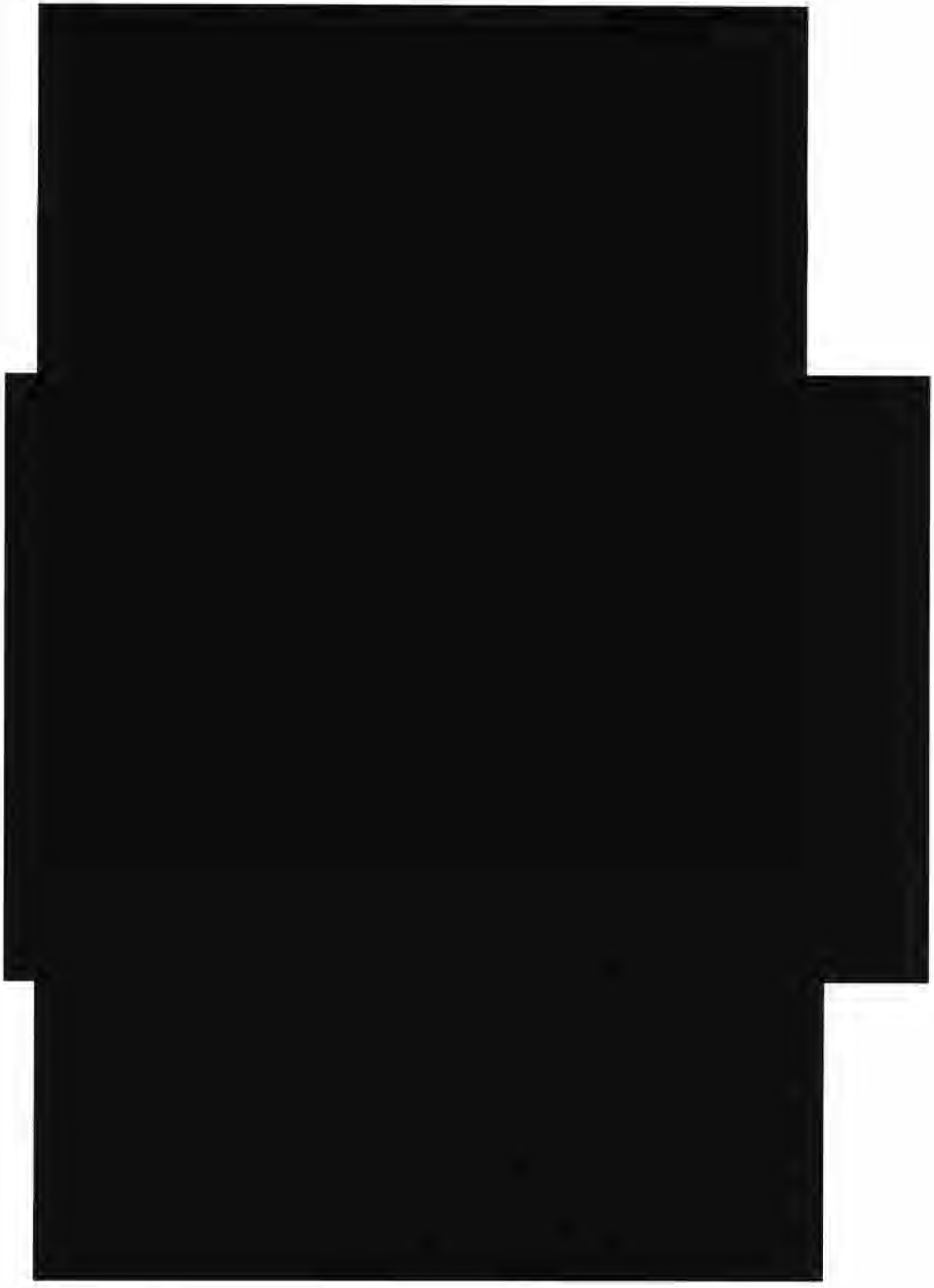

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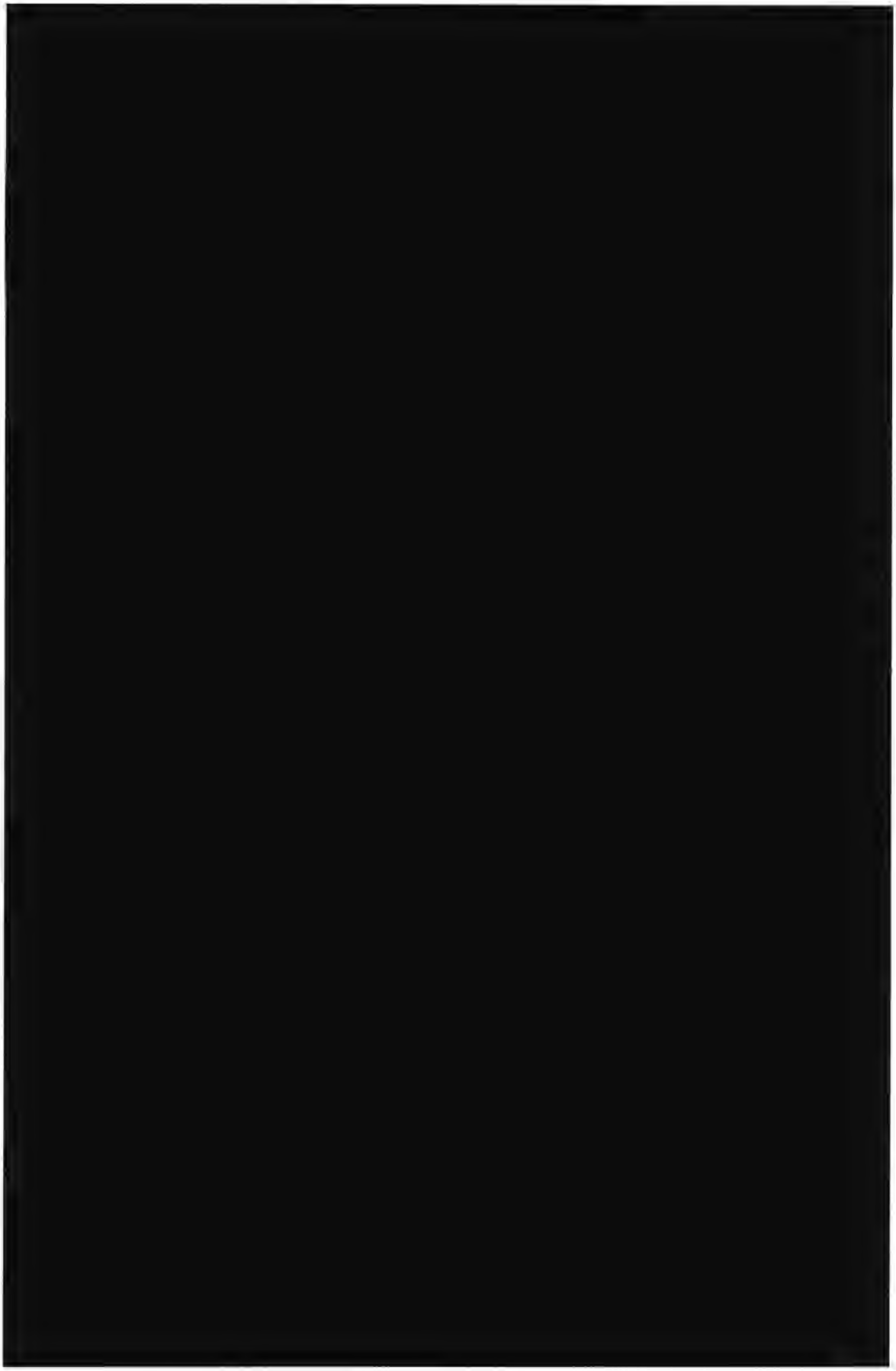

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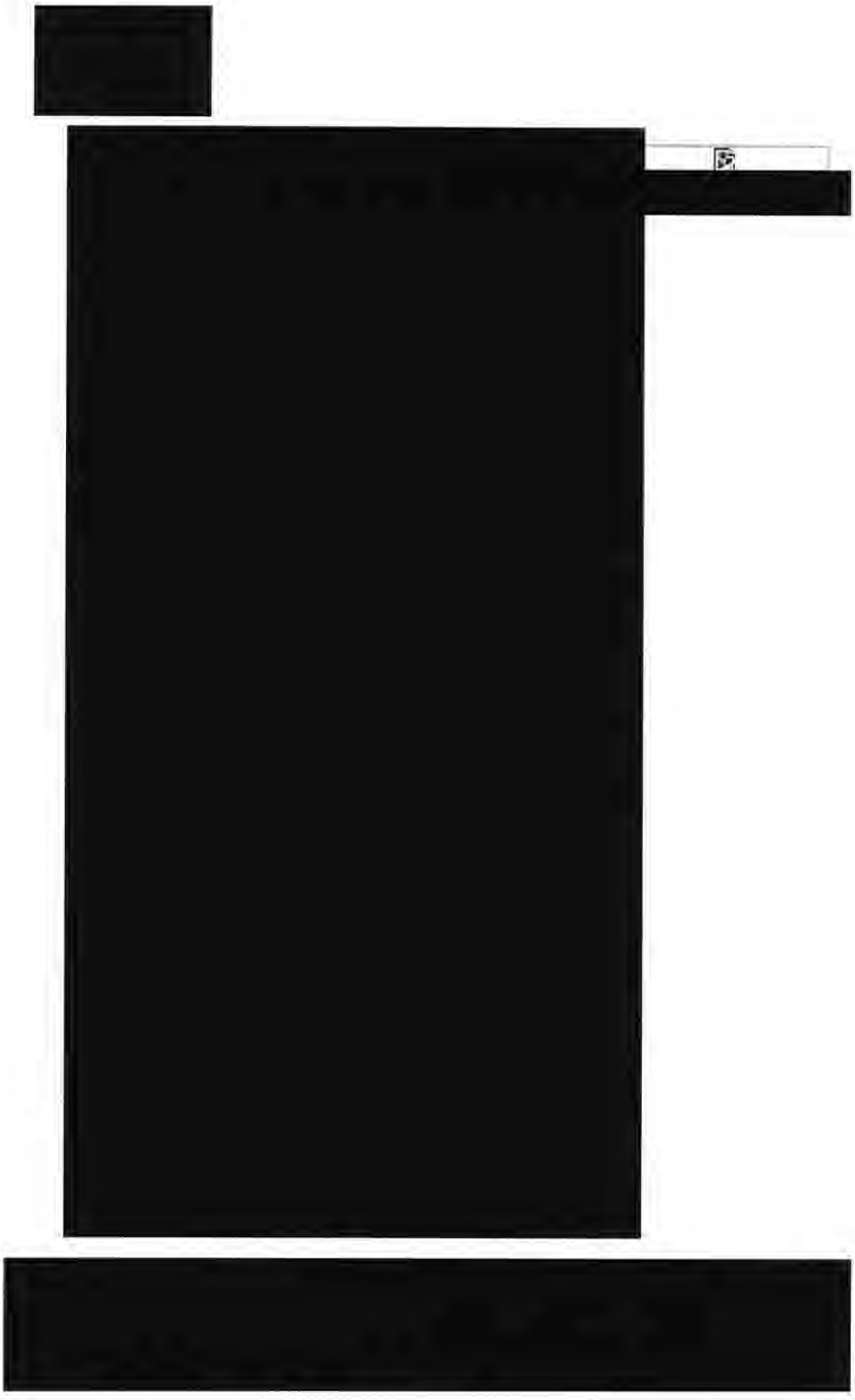

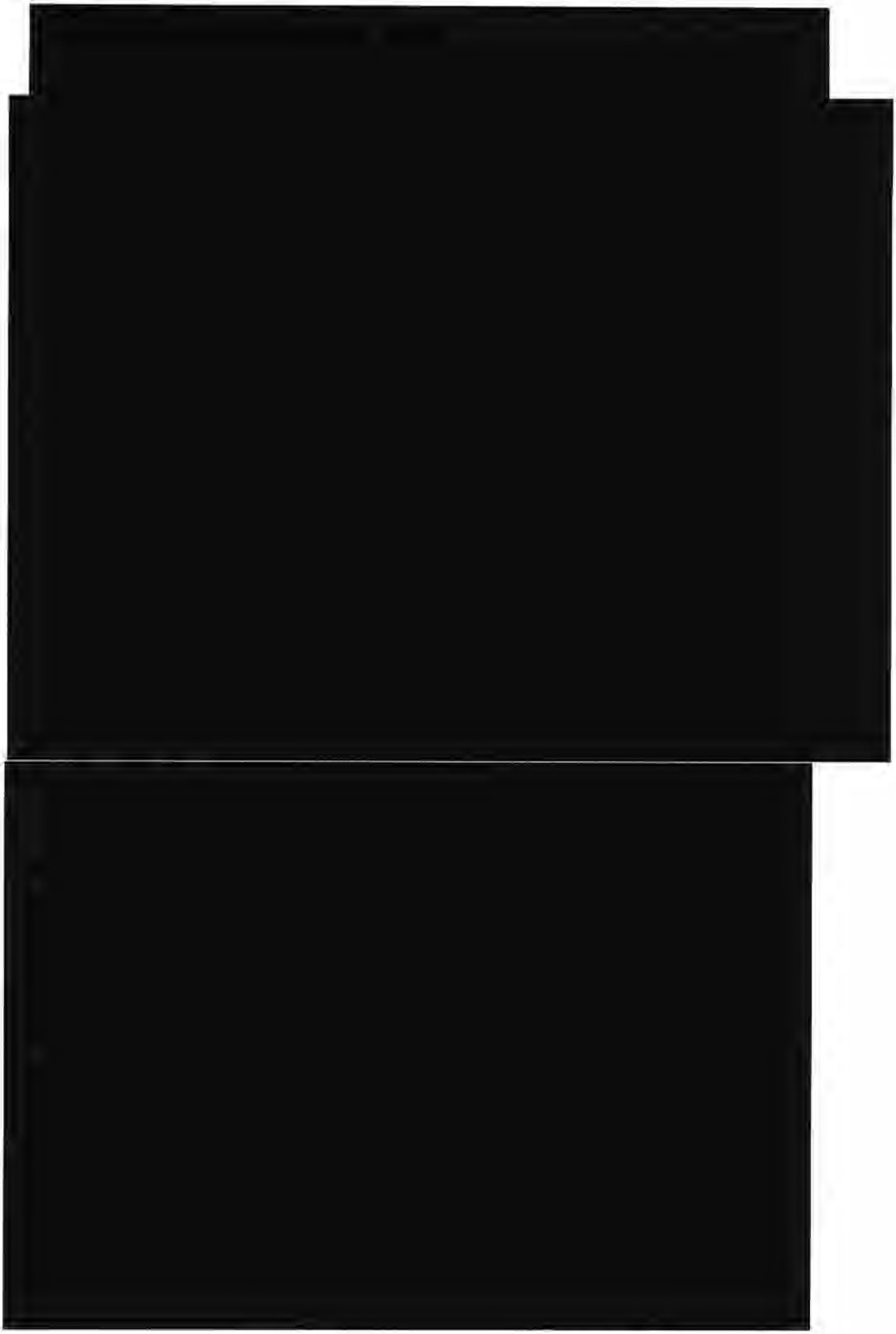

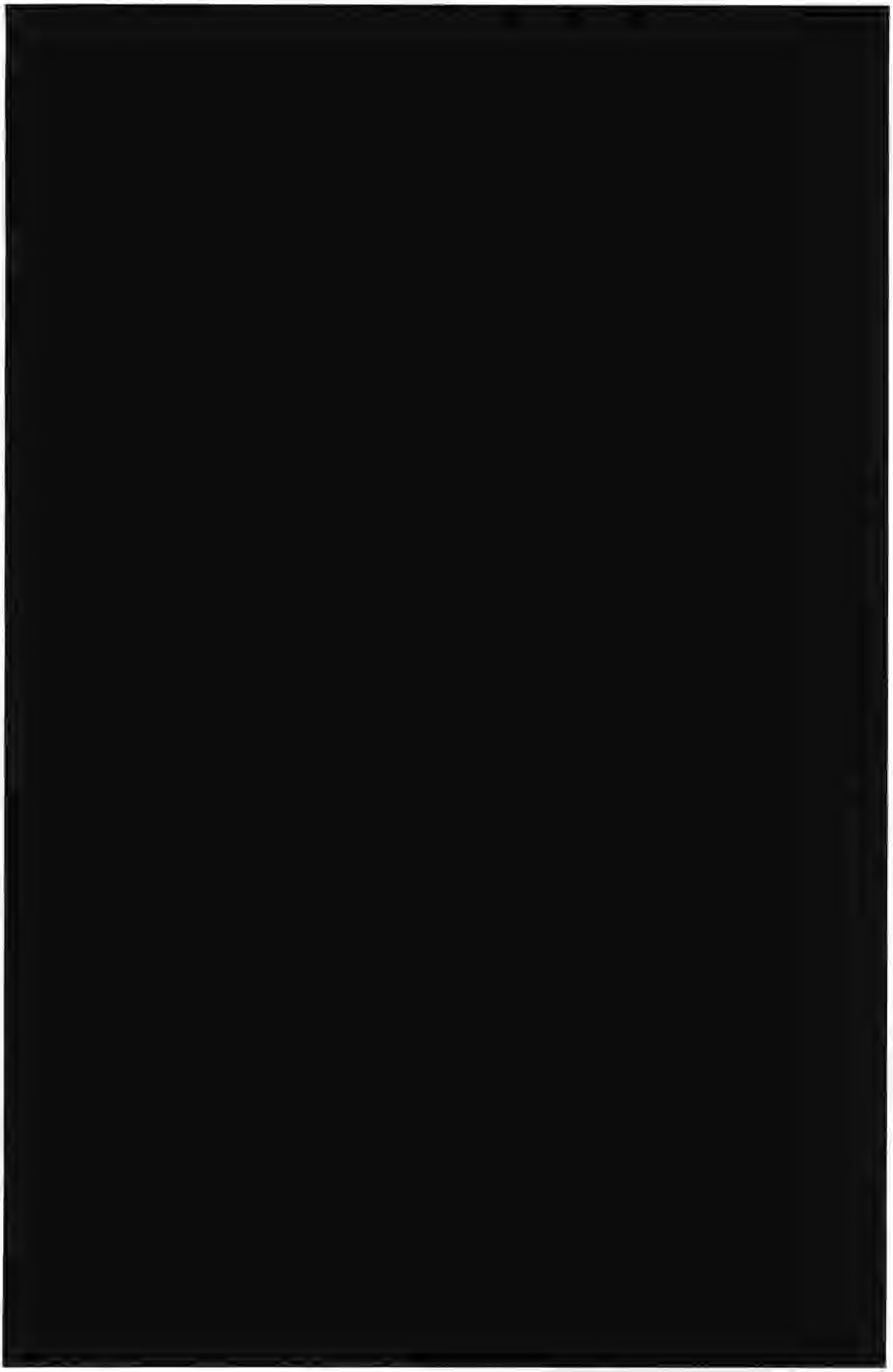

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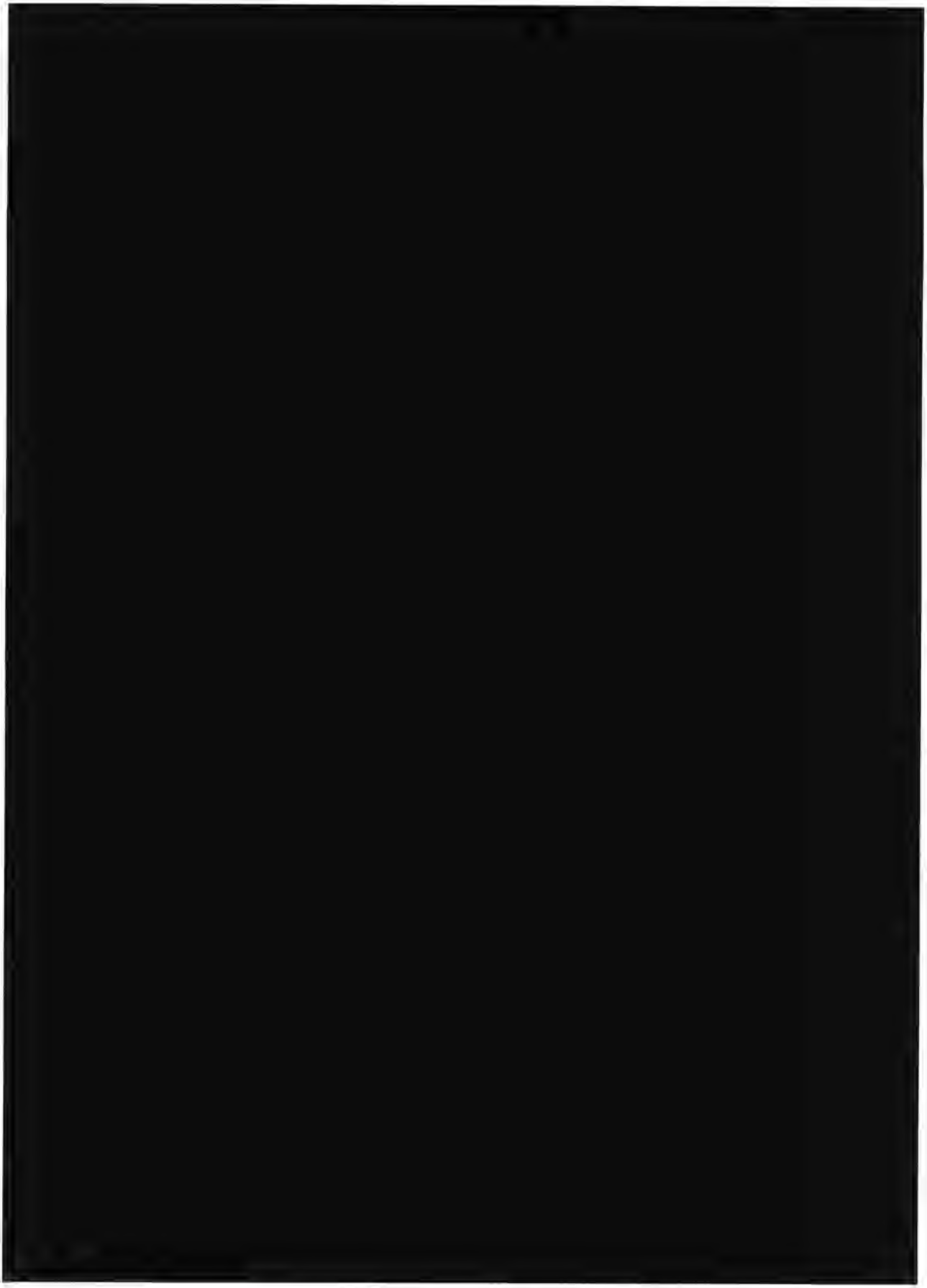

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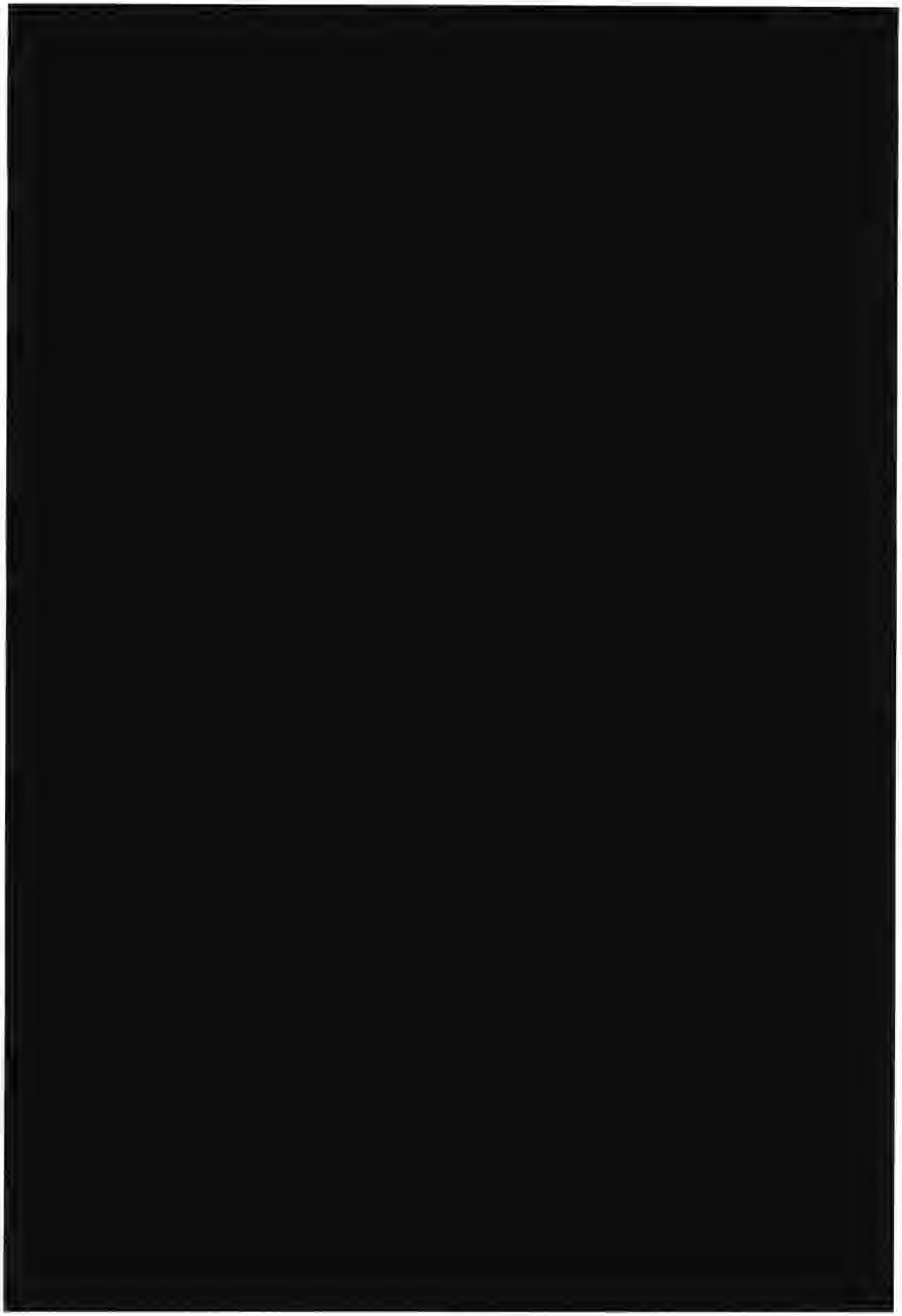

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Privacy Considerations

The gathering of Wi-Fi data has a number of superficial privacy implications. A typical concern might be that we are logging user traffic along with sufficient data to precisely triangulate their position at a given time, along with information about what they were doing. In reality this information is of little use, since the cityblock vehicle is not in proximity to any given user for an extended period of time.

None of the data gathered by GStumbler will be presented to end users of our services in raw form.

TODO: discuss privacy considerations with Product Counsel.

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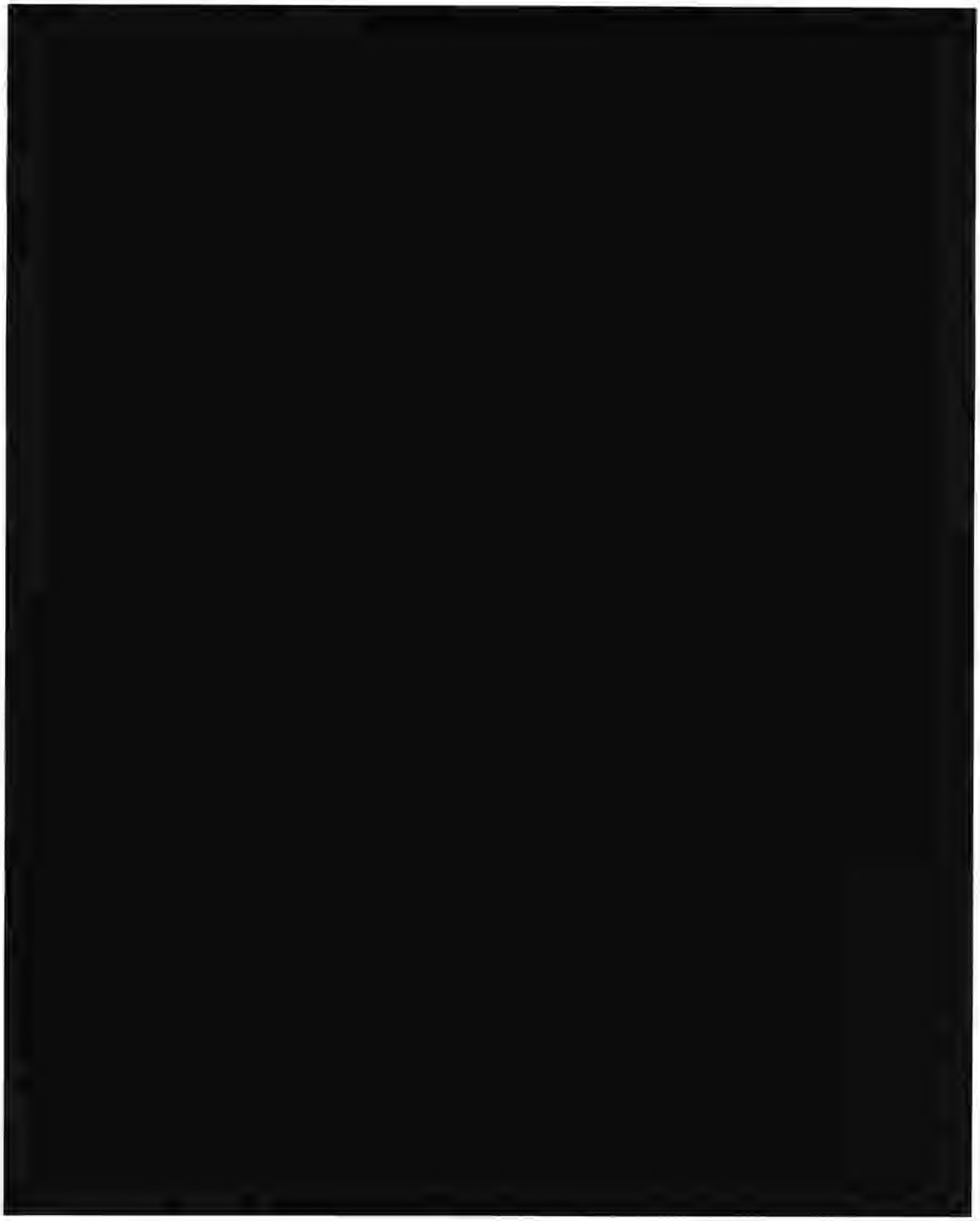

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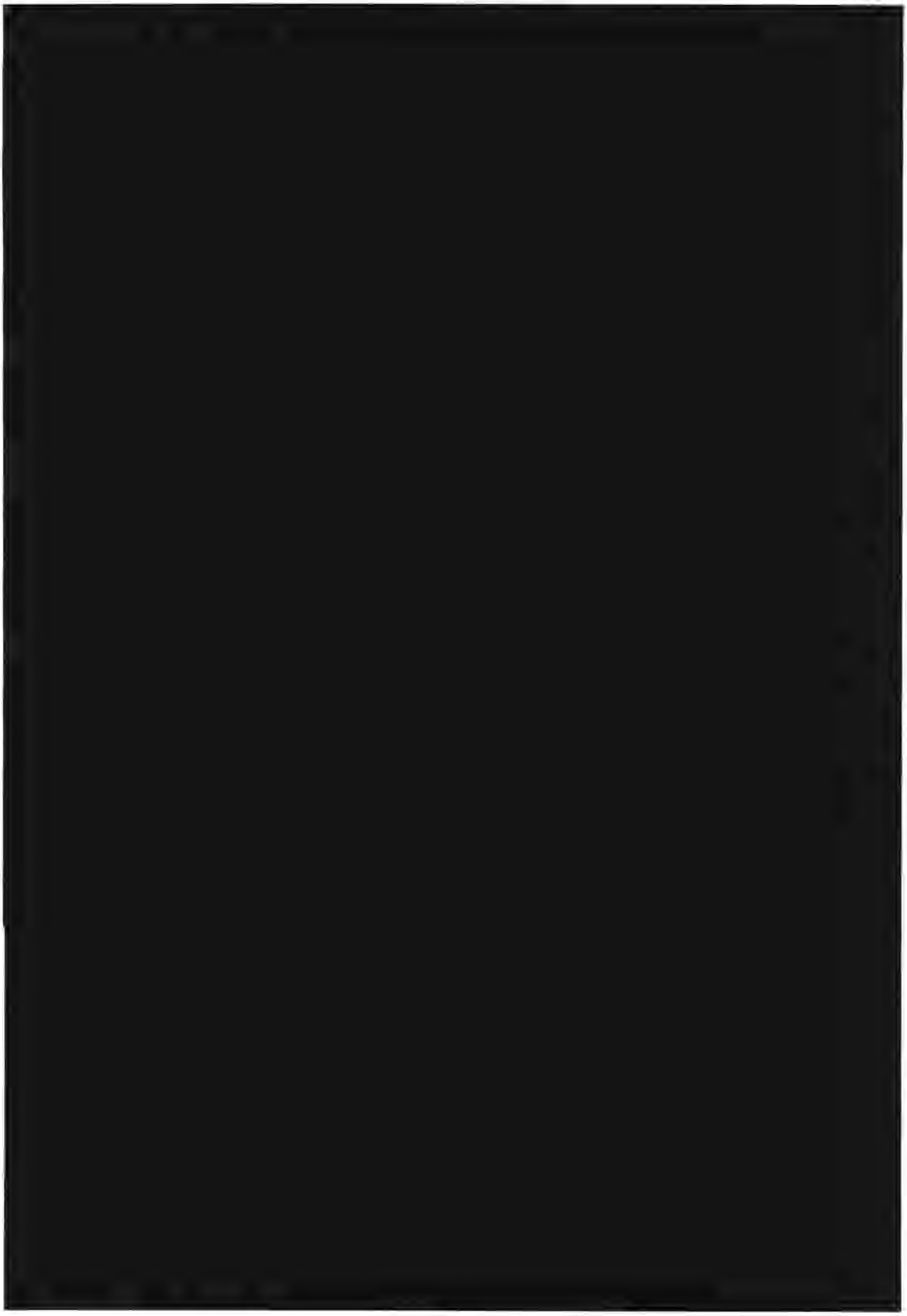

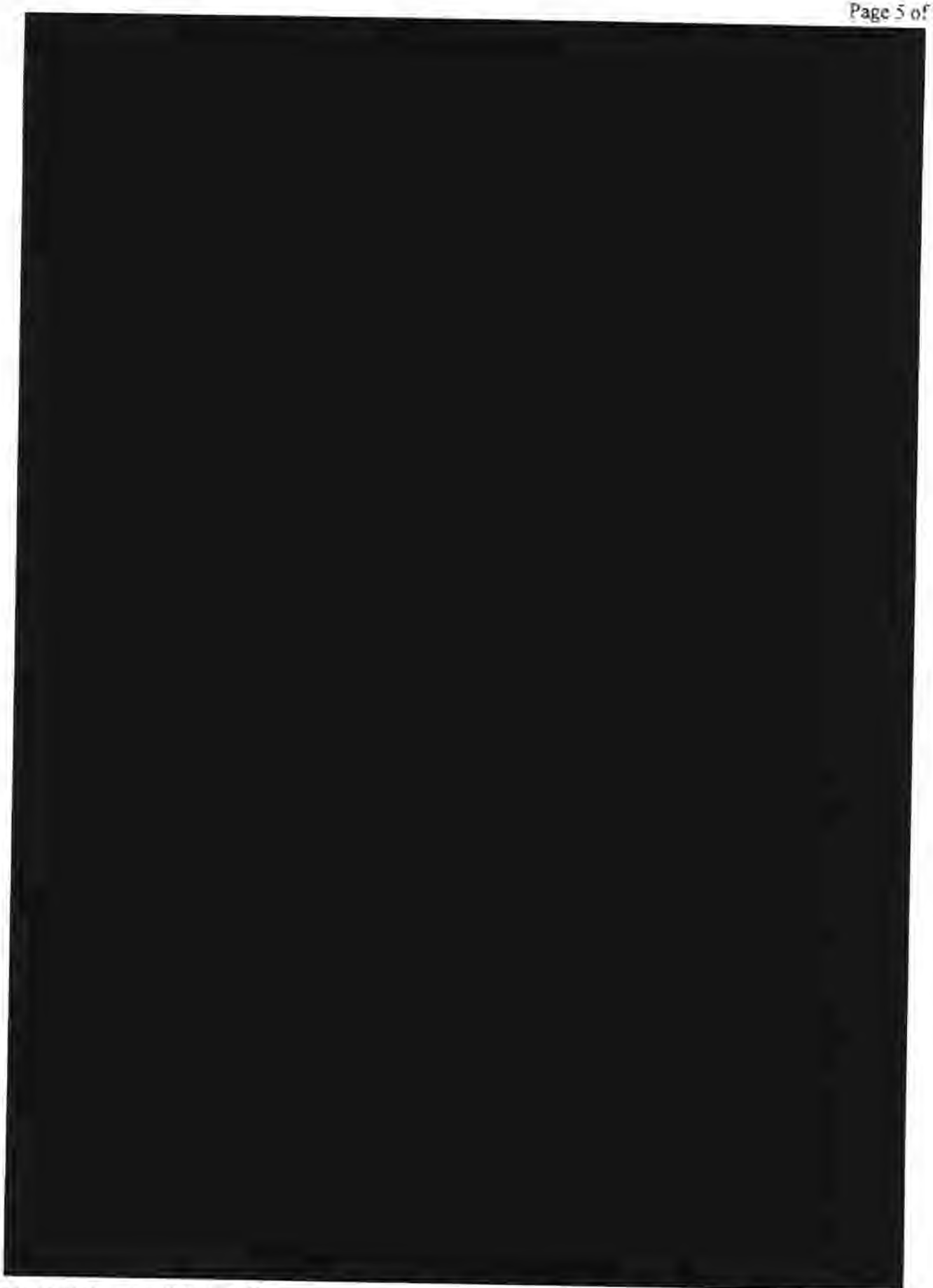

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TODO: discuss privacy considerations with Pradip Lounsel.

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File //depot/google3/wifi/gstumbler/gslite.cc: Change history **View file** Raw Line-by-line annotation Docfinder

---

```
12: #include "base/commandlineflags.h"
```

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[redacted]

```
128: int main(int argc, char** argv) {
129:   InitGoogle(argv[0], &argc, &argv, true);
```

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SECRET

File //depot/google3/wifi/gstumbler/packetparserimpl.cc: Change history **View file** Raw Line-by-line annotation Docfinder [redacted]

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```
14: DEFINE_bool(discard_encrypted_body, true,
15:             "Discard bodies of encrpyted 802.11 frames");
16: DEFINE_bool(discard_control_frame, false,
17:             "Discard 802.11 control frames");
18: DEFINE_bool(discard_data_frame, false,
19:             "Discard all 802.11 data frames");
20: DEFINE_bool(discard_management_frame, false,
21:             "Discard all 802.11 management frames");
```

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```
121: // Discard data we don't care about
122: bool TruncateParserImpl::Parse(Dot11Frame *f) {
123:   if (FLAGS_discard_encrypted_body && PacketUtil::IsEncrypted(f)) {
124:     // Discard just the body of encrypted frames
125:     f->clear_body();
126:   }
```

[redacted]

```
128:   switch (PacketUtil::Type(f)) {
129:   case Dot11FrameBody::CONTROL:
130:     if (FLAGS_discard_control_frame)
131:       f->set_discard(true);
132:     break;
133:   case Dot11FrameBody::DATA:
134:     if (FLAGS_discard_data_frame)
135:       f->set_discard(true);
136:     break;
137:   case Dot11FrameBody::MANAGEMENT:
138:     if (FLAGS_discard_management_frame)
139:       f->set_discard(true);
140:     break;
141:   default:
142:     break;
143:   }
```

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